

HYDROLOGIC AND CLIMATIC INVESTIGATION OF NATIONAL WILDLIFE REFUGES
IN FLORIDA USING WATER RESOURCE INVENTORIES AND ASSESSMENTS

by

MELISSA J. MEDLEY

(Under the Direction of Adam Milewski)

ABSTRACT

Alterations to hydrologic systems due to human and natural causes can affect water availability and quality to U.S. Fish and Wildlife Service (USFWS) refuges and may lead to adverse environmental impacts. A joint collaboration between the USFWS and the University of Georgia develops Water Resource Inventories and Assessments (WRIAs) to help National Wildlife Refuges (NWRs) identify, manage, and mitigate threats to their water resources. The objective of this thesis was to develop comprehensive WRIAs for ten NWRs in the southeast, investigate climatic trends in Florida, and construct a hydrologic model, all to better understand current and future resources and better inform future data collection and monitoring decisions. This thesis emphasizes the importance of preparing for changes to hydrologic systems by understanding current and future resources and to better inform future data collection and monitoring decisions.

INDEX WORDS: hydrology, water resources, climate

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CHAPTER ONE

INTRODUCTION

Substantial changes to the water resources in Florida have occurred in the last century. As populations increased, the conversion to urban and agricultural areas also increased, but at the expense of key ecosystems and habitats, disrupting natural hydrologic cycles. More than half of the human population lives in cities and is expected to continue increasing with population growth. The amount of ecosystem services provided by coastal systems are higher than most other ecosystems. This attracts cities and populations to be built along coasts and waterways, and in more recent times, waterways have been built or extended to expand coastal real estate.

One of the largest threats to coastal areas is land use conversion and development (Vörösmarty, Green, Salisbury, & Lammers, 2000). Urbanization increases the total area of impervious surface, diverts natural flow channels, increases runoff and contamination, and destroys natural habitats. Anthropogenic changes like these amplify the effects of climatic changes, such as increased temperatures and varying precipitation patterns. These can also contribute to hydrologic changes, such as increased turbidity and sedimentation, reduced infiltration, increased runoff and flooding, and lower base flows. Contamination of water resources is also a result of conversion and development, increasing nutrients, sediment, bacteria, and metals in the water. Anthropogenic changes to natural systems are arguably larger threats to protected areas such as National Wildlife Refuges (NWRs). Alterations to hydrologic systems due to human and natural causes can affect water availability and quality to U.S. Fish and Wildlife Service (USFWS) facilities and may lead to adverse environmental impacts at NWRs. A local and regional

understanding of the biological, physical, chemical, and hydrologic resources is required to protect and manage refuges.

Currently, there are few publicly available sources for water resource information for the United States, and even fewer sources for global coverage (Lanfear & Hirsch, 1999; Vorosmarty et al., 2001). Stations that record water resource data are typically unevenly distributed, and the data that is recorded is in different formats, may not be properly recorded, correctly entered, or may be missing entirely. The goal of this thesis is to document a system for gathering water resource data, and then compile, categorize, and make data useable for refuge staff to examine changes occurring on and around the protected refuges. The USFWS Inventory and Monitoring Branch, along with the Water Resources and Remote Sensing Laboratory at the University of Georgia creates Water Resource Inventory and Assessments (WRIAs) for NWRs in the USFWS southeast region. The goal of this program is to provide accurate available water quality and quantity data to support NWR management, planning, and to accomplish individual refuge purposes and objectives.

A WRIA package is provided to the USFWS and refuge managers that includes a WRIA report, a geodatabase of all geospatial files, ArcGIS map files, ArcGIS Map Packages, Excel files with information from the tables within the report, all reports cited within the WRIA, and two interactive layered PDF maps at the Region of Hydrologic Influence and acquisition boundary scales. All information provided in the package can be used by the USFWS and refuge to identify the proper management and protection strategies for the refuge and serve as a resource for funding. Additionally, the WRIA reports for refuges within the Southeast are combined by the USFWS into a Southeastern report for regional use.

Within the WRIA package, a database is created for the use of assessing potential water

resource concerns with all available water resources data pertaining to the refuge. This information is compiled from publicly available reports, databases, and geospatial datasets from federal, state, and local agencies; published research reports, websites maintained by government agencies, academic institutions, and nongovernmental organizations; and from files and geospatial data layers maintained by the refuge. Information from sources such as the U.S. Geological Survey (USGS), South Florida Water Management District (SFWMD), and the U.S. Environmental Protection Agency (USEPA), is gathered and presented on two scales: the refuge boundary and a Region of Hydrologic Influence (RHI). Unique RHIs are manually created for each refuge from Hydrologic Unit Codes (HUCs) with input from refuge staff. This boundary encompasses areas outside of the refuge that are most likely affecting the water resources on the refuge. This provides refuge management with additional geospatial data and information that may not be available or measured on the refuge.

The bulk of the package for each refuge is the WRIA Report. WRIA Reports present relevant, summarized water resource data including: the natural setting within the defined RHI around the NWR, an inventory of the physical water resources, and an assessment of the threats and needs related to the water resources on a refuge. WRIA Reports summarize the data provided in the package, present it within a GIS framework, and can be used by the USFWS to help identify proper resource management for NWRs. Each report follows the same format for easy inter-refuge operability, and is organized as follows: facility information (general information, purpose of the refuge, species, and habitats), natural setting (topography, geology, hydrogeology, soils, hydrology, land use and land cover, and climate), inventory (water resource such as streams, lakes, wetlands, springs, etc., water resource infrastructure, water quality, and water monitoring), water laws (federal and state water laws, laws pertaining to the refuge, impaired waters and TDMLs, and

NPDES facilities), and assessment (threats and needs).

The process to create WRIAs has undergone many editing phases and is continuing to be improved. For example, the WRIA report format that is used as an example within this thesis has been streamlined and follows standard guidelines. The information presented within the reports is extracted, analyzed, and formatted using excel and R scripts, and is presented within maps and tables. Aspects of these report elements such as map design, legend placement, symbology, table format, and coloring, follow guidelines that are reflected throughout all WRIAs. Much of the report formatting is consistent for all WRIAs, although each refuge is unique and report sections can differ for refuge complexes depending on the information provided by the refuge and the location of the refuge itself. For instance, refuges located on the coast tend to have more information about infrastructure provided by the refuge and have additional sections in the reports about tidal gauges and storm surges. Coastal refuges share similar assessment threat categories such as algal blooms, climate warming, and loss of aquatic habitat. Although many refuges within the southeast experience climate warming, this threat is most likely a greater short-term threat to coastal refuges.

During Phase One of the project, UGA finished seventeen WRIA products and has eleven more in progress for Phase Two. This thesis involved the development of eight WRIAs for ten National Wildlife Refuges within two Florida coastal refuge complexes. The third chapter of this thesis presents an example WRIA from Caloosahatchee NWR in the J.N. Ding Darling refuge complex, while the fourth chapter provides an analysis of temperature and precipitation trends in Florida as well as the presentation of a preliminary hydrologic model of the Caloosahatchee River basin. The fourth chapter presents the trend analysis and the model to demonstrate the use of the WRIA product as an initial step to understanding the water resources on and around NWRs. This thesis represents the importance of organized, easily accessible water resource data when

identifying changes in local hydrologic systems, demonstrates the importance of the WRIA process in understanding refuge resources, and provides information on the climate threats to the selected refuges.

CHAPTER TWO

LITERATURE REVIEW

Anthropogenic and climatic changes pose a large threat to global and local hydrologic cycles (Barnett et al., 2008). As populations increase, water is in higher demand causing water resources to become stressed (Barnett et al., 2008; Oki & Kanae, 2006; Vörösmarty et al., 2000). The stressors that threaten water resources are amplified in protected areas, such as National Wildlife Refuges (Wittemyer, Elsen, Bean, Burton, & Brashares, 2008). It is imperative that the threats to the natural resources on and around NWRs are mitigated to protect the species and habitats within the refuge.

Florida's landscapes have changed drastically in the past century since larger populations require more urban development, transportation, and agriculture (Volk et al., 2017). These alterations to natural land cover can affect the quality and quantity of water resources within a watershed (Ahearn et al., 2005; Bolstad & Swank, 1997; Wear et al., 1998). Conversions to urban or agricultural land decrease water quality by increasing runoff, erosion, sediment and nutrient loads, and can reduce the natural filtration of water (Ahearn et al., 2005; Hill, 1981; Johnson et al., 1997; Smart et al., 1998).

The agricultural industry, the second largest industry in Florida, has caused extensive clearing of natural land cover including forest conversion to farm land and citrus, as well as wetland drainage projects in order to create more agricultural land (Fretwell et al., 1996; Volk et al., 2017). Urbanization has caused hundreds of miles of canals to be built, attracting cities and towns to be built along the waterways. Agriculture and urbanization increase construction,

impervious surfaces, and convert land cover, while also diverting natural flow regimes, all contributing pollutants (e.g. sediment, nutrients, fertilizers) to the ground and surface waters (Carle et al., 2005; Carpenter et al., 1998; Hall & Schreier, 1996; Lenat, 1984; Perlman & USGS, 2018).

Polluted waters create many problems for the environment and communities. High nutrient concentrations (i.e. phosphorus and nitrogen) cause problems (e.g. algal blooms) that impair water use for drinking, industry use, and recreation, and can also affect community health if consumed or inhaled (Brooks et al., 2016; Mallin, Parsons, Johnson, McIver, & CoVan, 2004; NIEHS, 2019). Threats caused by urbanization and agricultural conversion amplify with temperature and precipitation changes, and it is important to understand the relationship between the two (Morrill, Bales, Asce, & Conklin, 2005).

Changes in temperature and precipitation over long periods give insights into potential impacts of climate change, as well as overall streamflow and groundwater level trends (Chien, Yeh, & Knouft, 2013; Githui, Gitau, Mutua, & Bauwens, 2009; Jha, Pan, Tackle, & Gu, 2004; Oki & Kanae, 2006). Impacts include higher storm surges and loss of wetlands due to sea-level rise, displacement of species, and decreased water quality (Najjar et al., 2000). Climate data in recent decades shows increased temperatures all over the world (Hayhoe et al., 2007). Precipitation shows no overall trend but has a distinct pattern of changes in relation to temperature and water vapor (Adler, Gu, Sapiiano, Wang, & Huffman, 2017). Similar patterns have been seen in the Southeastern United States, with precipitation having no overall trend but certain areas showing steady changes such as increasing precipitation along the northern gulf coast (Ingram, Dow, Carter, & Anderson, 2013). The overall increase in temperatures are largely due to climate change and heavily influenced by human development, including urbanization and irrigation.

It is crucial that proper methods are developed to assess potential impacts of climate change

on water resources (Allen & Ingram, 2002; Gleick, 1986; Minville, Brissette, & Leconte, 2008; Mittal, Bhave, Mishra, & Singh, 2016). Management and regulation have been put into place to mitigate threats to water resources, as well as conservation efforts to protect the remaining natural landscapes. Water resource information is overall scarce across the globe (Felfelani, Wada, Longuevergne, & Pokhrel, 2017; Rosenzweig, 2007). There is a wealth of water information within pockets of the world, such as the United States, but data is unevenly distributed overall (Lanfear & Hirsch, 1999; Vorosmarty et al., 2001). Some data may not be accessible or is unsuitable for analysis. Additionally, water resource data and information sources do not communicate to one another, creating problems when collecting, analyzing, or interpreting information from multiple sources (Gleick, 1989; Mittal et al., 2016; Tett et al., 2007).

It is necessary that the hydrologic community finds a way to standardize water data. In the United States, federal agencies such as the U.S. Geological Survey (USGS), National Oceanic and Atmospheric Administration (NOAA) and Environmental Protection Agency (EPA) have data access systems for water resources. The USGS and EPA have created several programs in an attempt at making water resource data easier to use and access including the National Water Information System (NWIS), Hydro-Climatic Data Network (HCDN), Water Quality Portal (WQP) and Storage and Retrieval System (STORTET). These agencies combined have thousands of monitoring stations across the nation and each interface records different parameters and has a different density of data and information. In 2016, NOAA launched the National Water Model (NWM) in conjunction with other federal agencies. This project is a relatively recent attempt at combining monitoring stations all over the country in an attempt to accurately predict flow forecasts (NOAA, 2016).

It is important that water data has the ability to transfer across platforms and can be used

to properly communicate with policy-makers (Oki & Kanae, 2006). The United States Fish & Wildlife Service (USFWS) Inventory and Monitoring Branch (I&M) has created WRIA reports in an effort to provide refuges with accurate, up-to-date, water information so that managers and planners are able to properly protect and inform their refuges. The I&M branch has completed several WRIs, and is continuing to create reports throughout the southeast (Milewski, Creviston, Rasmussen, Faustini, & Moorman, 2020; Milewski, Rasmussen, Hutcheson, & Faustini, 2018; USFWS, 2013). Through the creation of WRIA reports, the USFWS is taking the initial steps in understanding the water resources in and around the refuge to properly prepare for the anthropogenic and climatic changes that can affect the water resources.

Water resources are becoming more stressed as populations increase. Alterations to natural land cover including conversions to urban and agricultural land, poses a threat to the water quality and quantity in Florida. Changes in temperature and precipitation provide insight to the potential impacts of climate change on water resources including streamflow and groundwater level. It is important that proper methods are used to track and assess these changes, as well as implement management and protection strategies to mitigate threats. Several agencies have attempted to provide a standardized way to report water resource data, and the USFWS has created WRIA reports to protect the water resources in and around their refuges.

CHAPTER THREE

WATER RESOURCE INVENTORY AND ASSESSMENT:

CALOOSAHATCHEE NATIONAL WILDLIFE REFUGE

3.1 Executive Summary

This Water Resource Inventory and Assessment (WRIA) Report for the Caloosahatchee National Wildlife Refuge (NWR) summarizes the results of data mining from national, regional, and local sources for information on hydrology, water rights, water availability, and water quality. This initial draft inventory report is a compilation and summary of available and relevant information for refuge water resources within the Region of Hydrologic Influence (RHI). Topics addressed within this report include facility information, natural setting (geology, soils, climate, hydrology, topography), and a catalog/inventory of relevant hydrologic information (water resources, water infrastructure, water rights). Information was compiled from national and regional databases, geographically referenced to the same projection, and presented within a Geographic Information System framework.

3.1.1 Findings

- Caloosahatchee National Wildlife Refuge is located in Fort Myers, Florida, and includes several islands that cover approximately 40 acres along the Caloosahatchee River.
- Caloosahatchee NWR was established to protect native birds and their breeding habitats.
- There are 3 different soil series on the refuge: Caloosa, St. Augustine, and Wulfert.
- According to weather Station USW00012835, approximately 10 miles SW of the refuge, the average yearly precipitation is 52.12 inches.

- According to the National Hydrography Dataset (NHD), there are 1,734.39 miles of streams, connectors, or artificial paths in the RHI and 2.27 miles in the acquisition boundary.
- There are 2,438.57 miles of canals in the RHI and none within the acquisition boundary
- There is a total of 20 dams within the RHI of Caloosahatchee NWR, of which two are located on the Caloosahatchee River.
- According to the U.S. Census Bureau in the Department of Commerce, there are 23.87 miles of roads within the RHI and 1.44 miles within the acquisition boundary.
- There is a total of 1,870 water monitoring stations in the RHI, but only 42 have sufficient data availability to be considered relevant for the purpose of this report.
- There are 45 migratory birds and 37 federally threatened or endangered species of identified as being present within the RHI and/or the refuge acquisition boundary.
- There are 21 waterbodies listed as impaired by the EPA and 7 facilities with NPDES permits listed as “Major” within the RHI

3.1.2 Key Water Resources Issues of Concern

For Caloosahatchee National Wildlife Refuge, there are nine water resource threats identified. Most of these threats are a result of Lake Okeechobee water management and include altered flow regimes, ecologically harmful salinities, harmful algal blooms, loss and alteration of habitat, and low dissolved oxygen levels. Other identified threats include contamination from mercury, pesticides and heavy metals and climate warming. More information about the threats facing Caloosahatchee NWR can be found in Section 3.7.1 and Appendix D.

3.1.3 Needs and Recommendations

All the threats facing Caloosahatchee NWR are outside of USFWS control. In order for the Refuge to address these threats, they need to have a voice in the regional decision-making process that impact flows and water quality in the Caloosahatchee River and Estuary. Thus, there is a need for the Refuge to build partnerships and participate in regional advisory boards. In addition, the Refuge needs to monitor key resources and synthesize information so they can better understand the impacts of current flows and water quality on Refuge habitats and species. The remaining recommendations include increasing refuge staff/funding, a climate vulnerability assessment, and finalizing refuge and acquisition boundaries. More information about the recommendations for Caloosahatchee NWR can be found in Section 3.7.2 in Appendix E.

3.2 Introduction

The long-term goal of the National Wildlife Refuge System (NWRS) Water Resource Inventory and Assessment (WRIA) effort is to provide up-to-date, accurate, reconnaissance-level data on water quantity and quality to support management NWRS planning and management actions to fulfill the NWRS mission and individual refuge purposes and management goals. An accurate water resources inventory is essential to prioritize issues and tasks, and to take prescriptive actions that are consistent with the established purposes of the refuge. WRIAs evaluate significant water resources (including rivers and streams, lakes and ponds, springs, wetlands, and groundwater), known water quality issues, water management infrastructure and practices, water rights, threats to water supplies, and other water resource issues for each field station.

This WRIA Report for Caloosahatchee National Wildlife Refuge (Caloosahatchee NWR or “the refuge”) summarizes available information relevant to refuge water resources. Major topics addressed in this report include the natural setting of the refuge (topography, climate, geology,

soils, hydrology), impacts of development and climate change, significant water resources and associated infrastructure within the refuge, past and current water monitoring activities on and near the refuge, water quality information, and state water use regulatory framework. Information was compiled from publicly available reports, databases, and geospatial datasets from federal, state, and local agencies; published research reports; websites maintained by government agencies, academic institutions, and non-governmental organizations; and from files and geospatial data layers maintained by the refuge.

This WRIA report is presented on two scales: intermediate (within a Region of Hydrologic Influence (RHI) encompassing the refuge), and local (within the NWR). The inventory and assessment process includes data assimilation at the local level and the assessment of key water resource issues of concern (threats or stressors) and needs. The WRIA report will synthesize the intermediate and local water resources inventory data and provide a summary of the threats and needs associated with water resources for ongoing water resource management and strategy development.

3.2.1 Document Organization

This WRIA report is partitioned into several categories and sub-categories according to a nationally adopted format for conducting water resource inventory and assessments through the US Fish & Wildlife Service (USFWS). This document follows this same format for easy inter-refuge operability, and is organized as follows:

- Facility information and habitats
- Natural Setting: topography, landforms, geology, hydrogeology, soils, hydrology, land use and land cover, and climate
- Inventory: water resources, infrastructure, monitoring, quantity and timing, and water

rights and water quality laws and regulations

- Assessment: threats and needs

The WRIA report contains general information and maps describing the natural setting of the refuge. More detailed information can be found in the inventory section about water resources, water infrastructure, water quality, and water monitoring. The inventory also contains information about federal and state regulations for Caloosahatchee NWR and the surrounding area's water resources. Some of the information, such as data sources and links to the information is provided in Appendix A.

3.3 Data Processing

The data sources collected for this inventory was accessed by downloads and access requests from public agency websites. Unless specified otherwise in a table or figure caption or footnote, data presented in this WRIA report are the latest available as of January 30, 2019.

Geospatial data were processed using ArcGIS and summarized within two spatial domains: within the acquisition boundary for Caloosahatchee National Wildlife Refuge and outside the refuge boundary but within the RHI. ArcGIS datasets and non-geospatial datasets (e.g. climate data) were analyzed in Microsoft Excel and R to extract information for the inventory.

3.4 Facility Information

Caloosahatchee National Wildlife Refuge is a part of the J.N. Ding Darling Complex covering approximately 40 acres along the Caloosahatchee River within Fort Meyers, FL. The refuge was established on July 1, 1920 under President Woodrow Wilson. Through Executive Order 3299, Caloosahatchee NWR was distinguished to protect native birds and their breeding habitats (Tritaik, 2010).

The refuge now includes several islands located in the Caloosahatchee River. This river

makes up the western portion of the Okeechobee Waterway, a manmade inland waterway system that extends across Florida's peninsula from the Atlantic Ocean to the Gulf of Mexico. This waterway has five locks and dams managed by the U.S. Army Corps of Engineers and is a part of a larger complex water-management system known as the Central and Southern Florida Flood Control Project. Land within the original refuge boundary has been lost due to channelization of the Caloosahatchee River and deposition of dredged soils on the islands. The islands contain mangrove shorelines and upland island habitats. The main land cover types within Caloosahatchee NWR are mangrove swamps and upland hardwood forests (Tritaik, 2010).

The refuge manages natural conditions by treating non-native invasive plants, such as Brazilian Pepper, to ensure refuge habitats and wildlife remains undisturbed (Tritaik, 2010). The West Indian Manatee, one of the many threatened species on/near the refuge, can be seen in the waters around the islands. Local law enforcement patrols and enforces speed restrictions within the area to ensure the Manatee's protection from the public (Tritaik, 2010).



Caloosahatchee National Wildlife Refuge Landscape Conservation Cooperatives



Figure 1. Landscape Conservation Cooperatives around Caloosahatchee National Wildlife Refuge. Source: (Landscape Conservation Cooperatives Network, 2015)

3.5 Natural Setting

The following information about the natural setting for Caloosahatchee NWR will be presented at two different spatial scales: The RHI, a hydrologically defined region of interest containing the refuge (see below), and the Caloosahatchee NWR approved acquisition boundary. Figures and tables describing the topography, geology, hydrogeology, soils, hydrology, land use and land cover, and climate are presented in the section below. More information about the natural setting of the refuge is described in the Caloosahatchee Comprehensive Conservation Plan (Tritaik, 2010).

Region of Hydrologic Influence

The RHI describes a portion of or entire watershed that the refuge site is located. The RHI represents the potential drainage impact on water resources flowing to the refuge.

For the purpose of this WRIA, the RHI is defined on the basis of standard subdivisions within the National Watershed Boundary Database (NWD) at the HUC-12 scale. The NWD hierarchically divides the landscape into Hydrologic Units (HUs) that are assigned Hydrologic Unit Codes (HUCs). At the largest geographic scale, these hydrologic units are assigned two-digit codes and are known as hydrologic regions or HUC-2s. Each hydrologic region is further subdivided at increasingly fine spatial scales into subregions, basins, subbasins, watersheds, and subwatersheds corresponding to 4-, 6-, 8-, 10-, and 12-digit HUCs, respectively.

The RHI for Caloosahatchee NWR was created with the boundaries of the HUCs as well as from input with the refuge staff (Figure 2). The HUC-12s used to create the Region of Hydrologic Influence are shown in Figure 3.



Caloosahatchee National Wildlife Refuge

Region of Hydrologic Influence

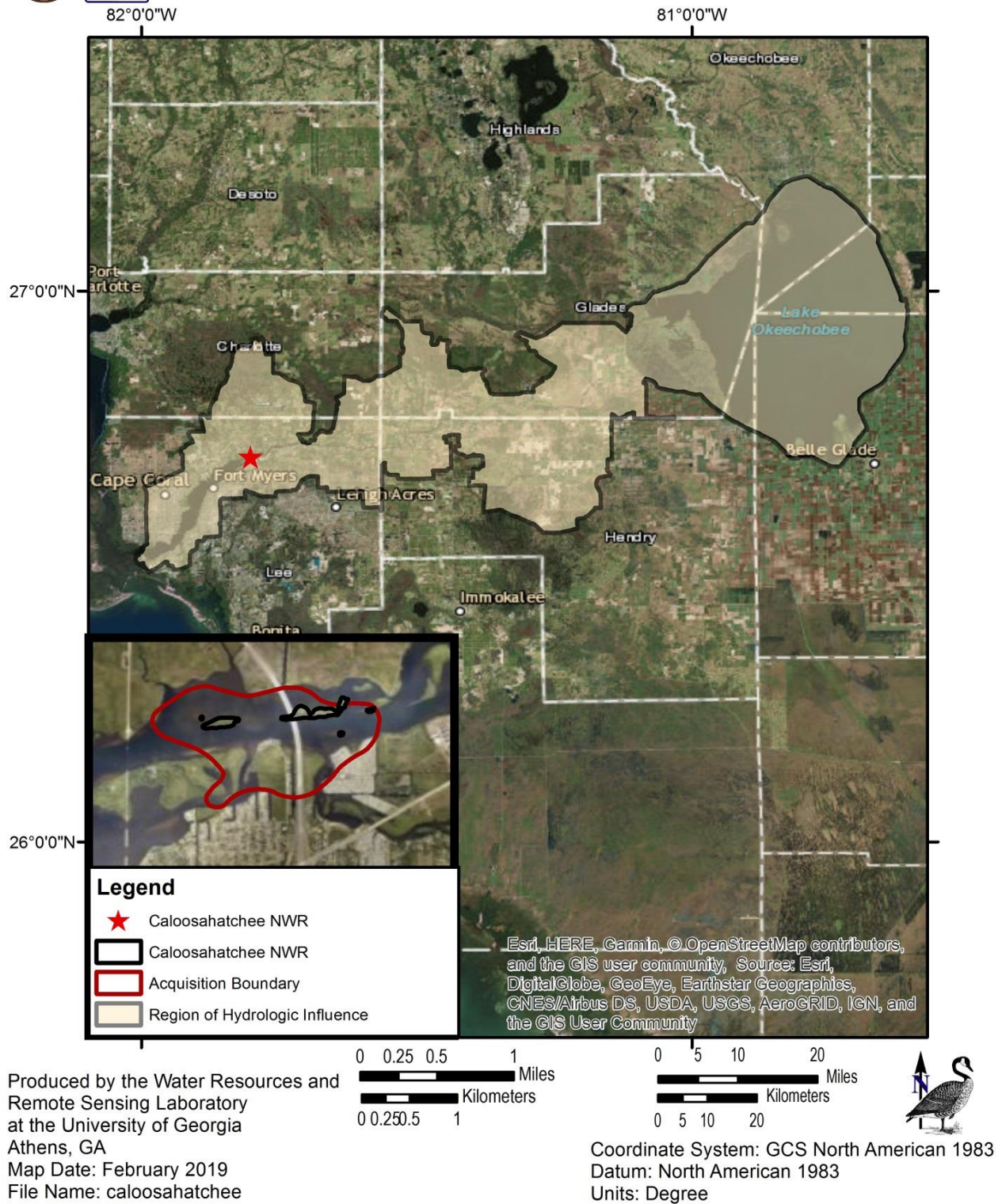


Figure 2. Region of Hydrologic Influence and acquisition boundaries of Caloosahatchee National Wildlife Refuge. Source: (USFWS, 2018).



Caloosahatchee National Wildlife Refuge

Hydrologic Unit Codes (HUCs)

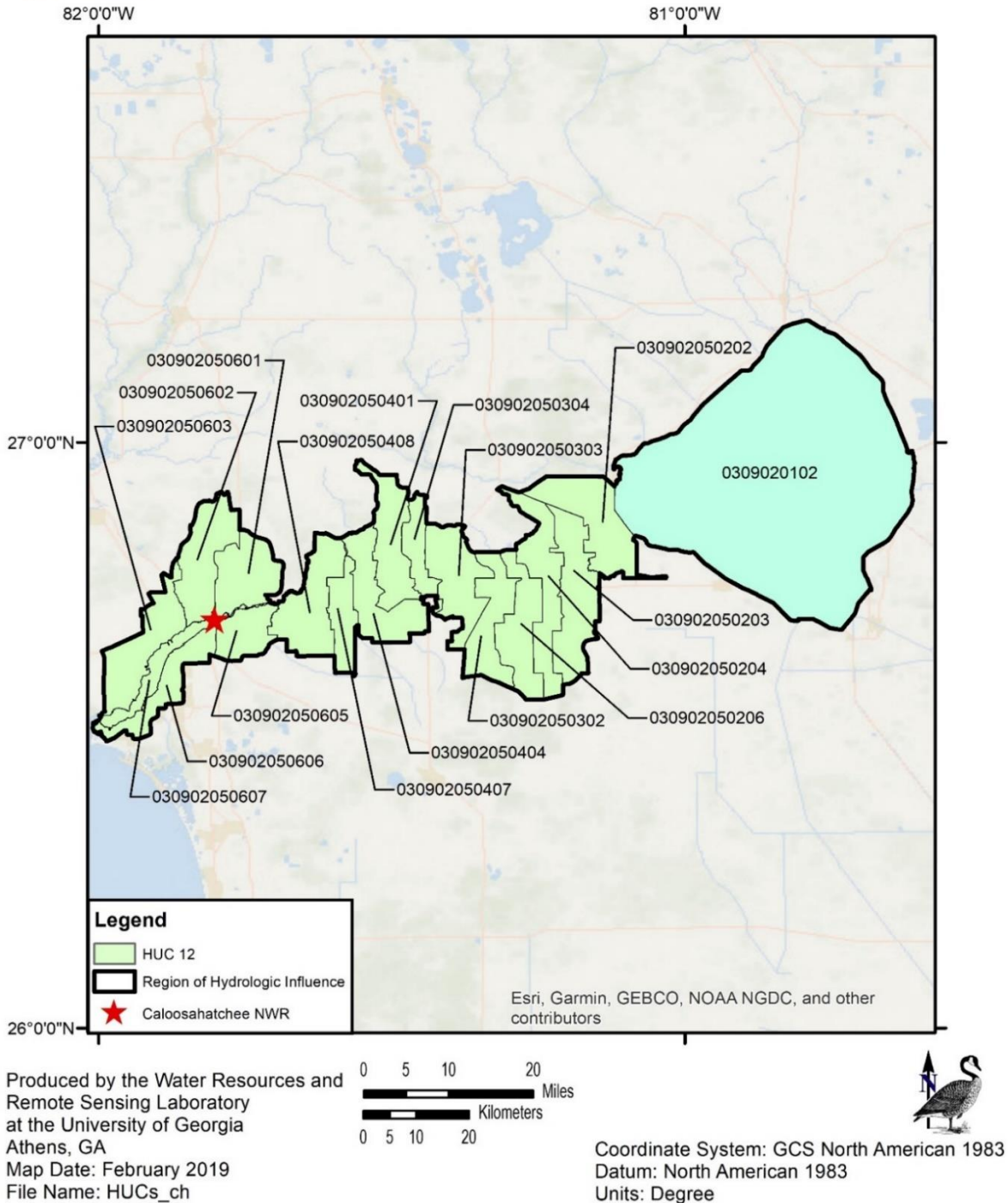


Figure 3. Hydrologic Unit Codes (HUCs) making up the Region of Hydrologic Influence of Caloosahatchee National Wildlife Refuge. A “HUC” refers to a set of divisions of the watershed within the National Watershed Boundary Database (NWBD). The RHI for Caloosahatchee NWR includes 18 HUC-12 divisions. Source: (USGS, 2013).

3.5.1 Topography and Landforms

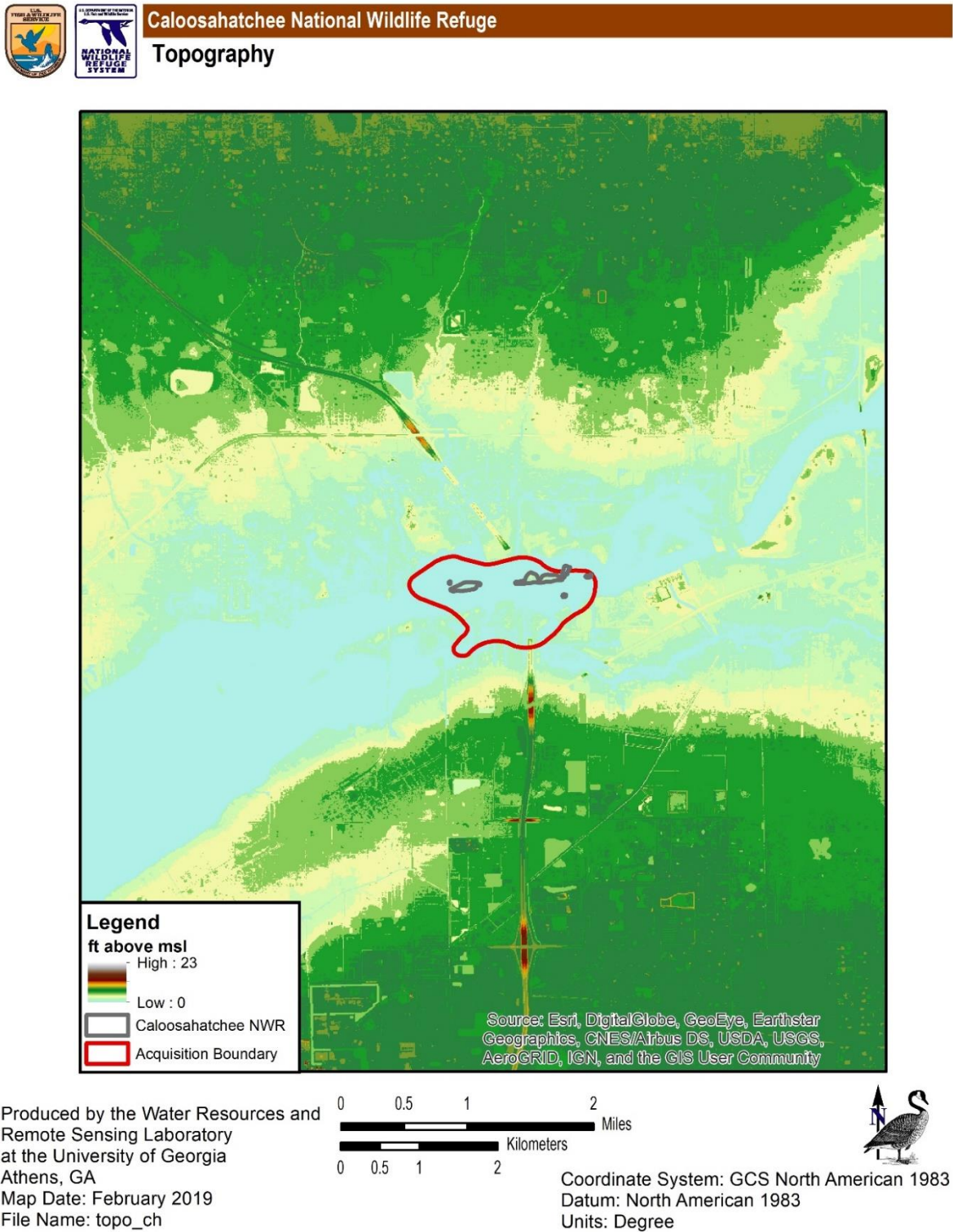
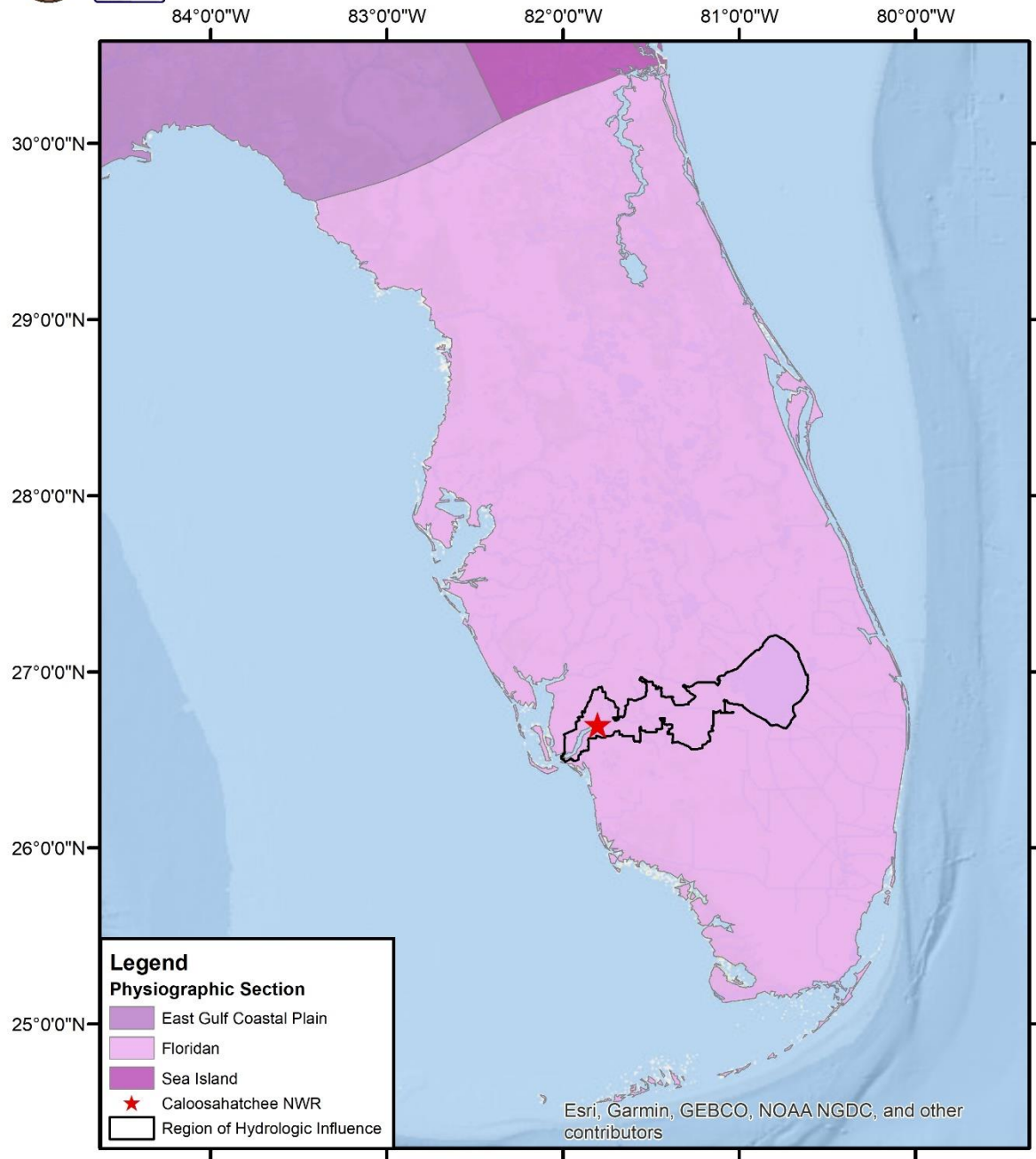


Figure 4. Topography around Caloosahatchee National Wildlife Refuge. Prominent elevation features are overpasses on the major roadway that crosses the refuge, Interstate-75; the islands comprising the refuge have very little relief. Source: (USGS).



Caloosahatchee National Wildlife Refuge

Physiographic Sections



Produced by the Water Resources and Remote Sensing Laboratory at the University of Georgia Athens, GA
Map Date: February 2019
File Name: physio_ch

0 15 30 60 Miles
0 15 30 60 Kilometers

Coordinate System: GCS North American 1983
Datum: North American 1983
Units: Degree

Figure 5. Physiographic sections around the Region of Hydrologic Influence and the state of Florida. Source: (USGS, 1946).

3.5.2 Geology and Hydrogeology

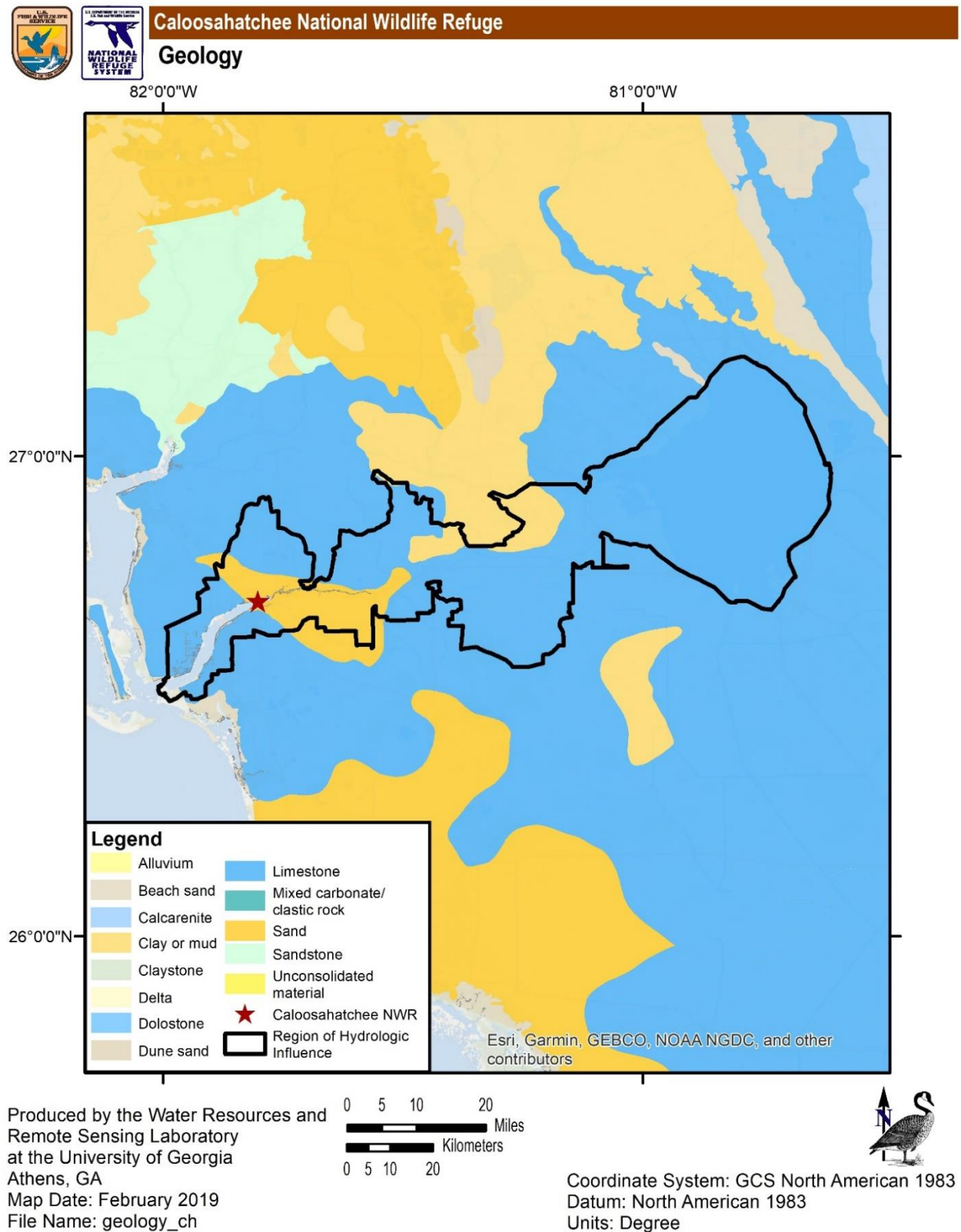
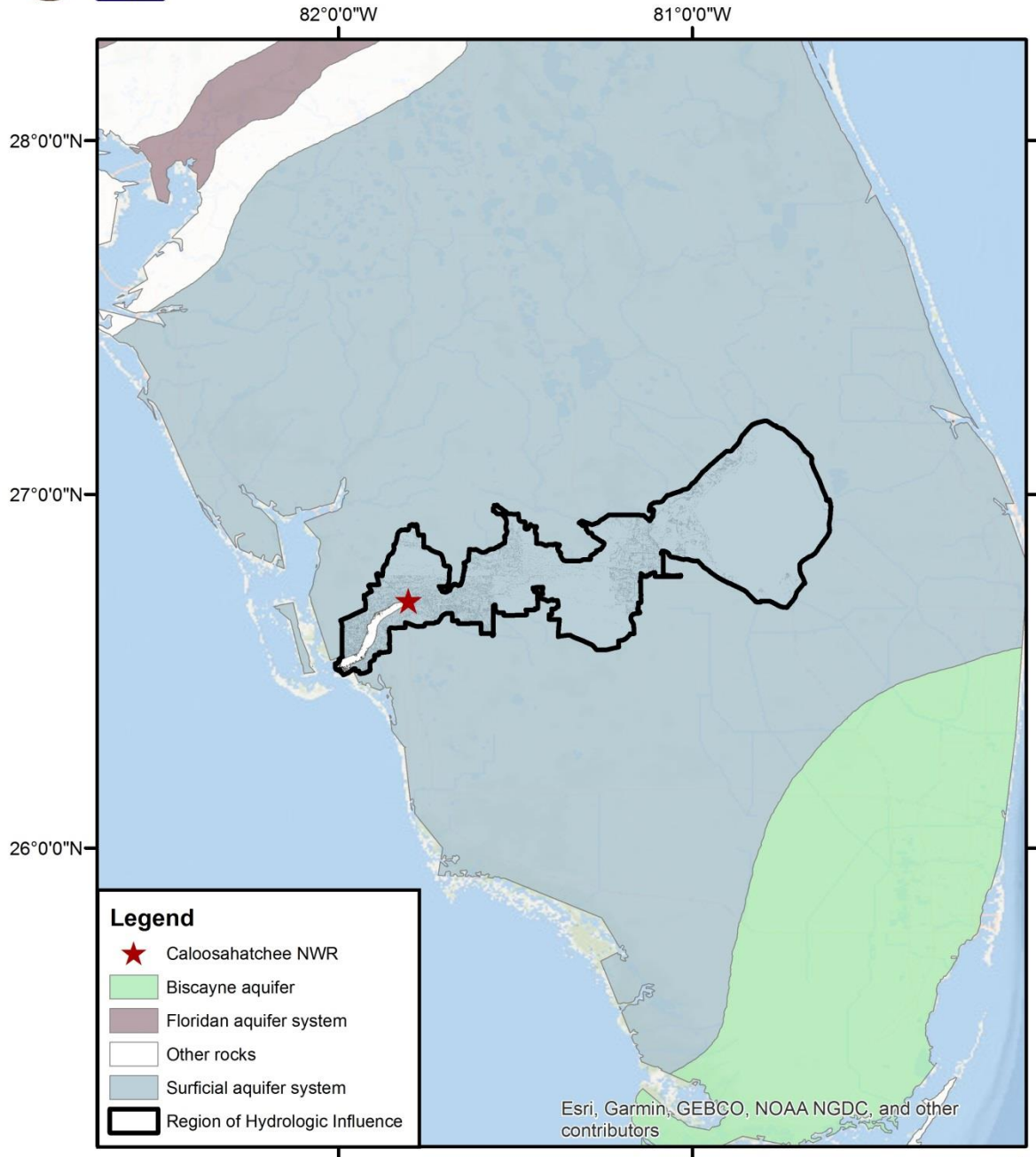


Figure 6. Geology around Caloosahatchee Region of Hydrologic Influence. Source: (USGS, 2009).

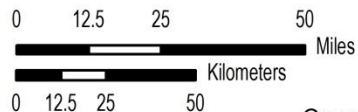


Caloosahatchee National Wildlife Refuge

Aquifers



Produced by the Water Resources and
Remote Sensing Laboratory
at the University of Georgia
Athens, GA
Map Date: February 2019
File Name: aquifers_ch



Coordinate System: GCS North American 1983
Datum: North American 1983
Units: Degree



Figure 7. Aquifers surrounding the Region of Hydrologic Influence of Caloosahatchee National Wildlife Refuge. Source: (USGS, 2003).

3.5.3 Soils

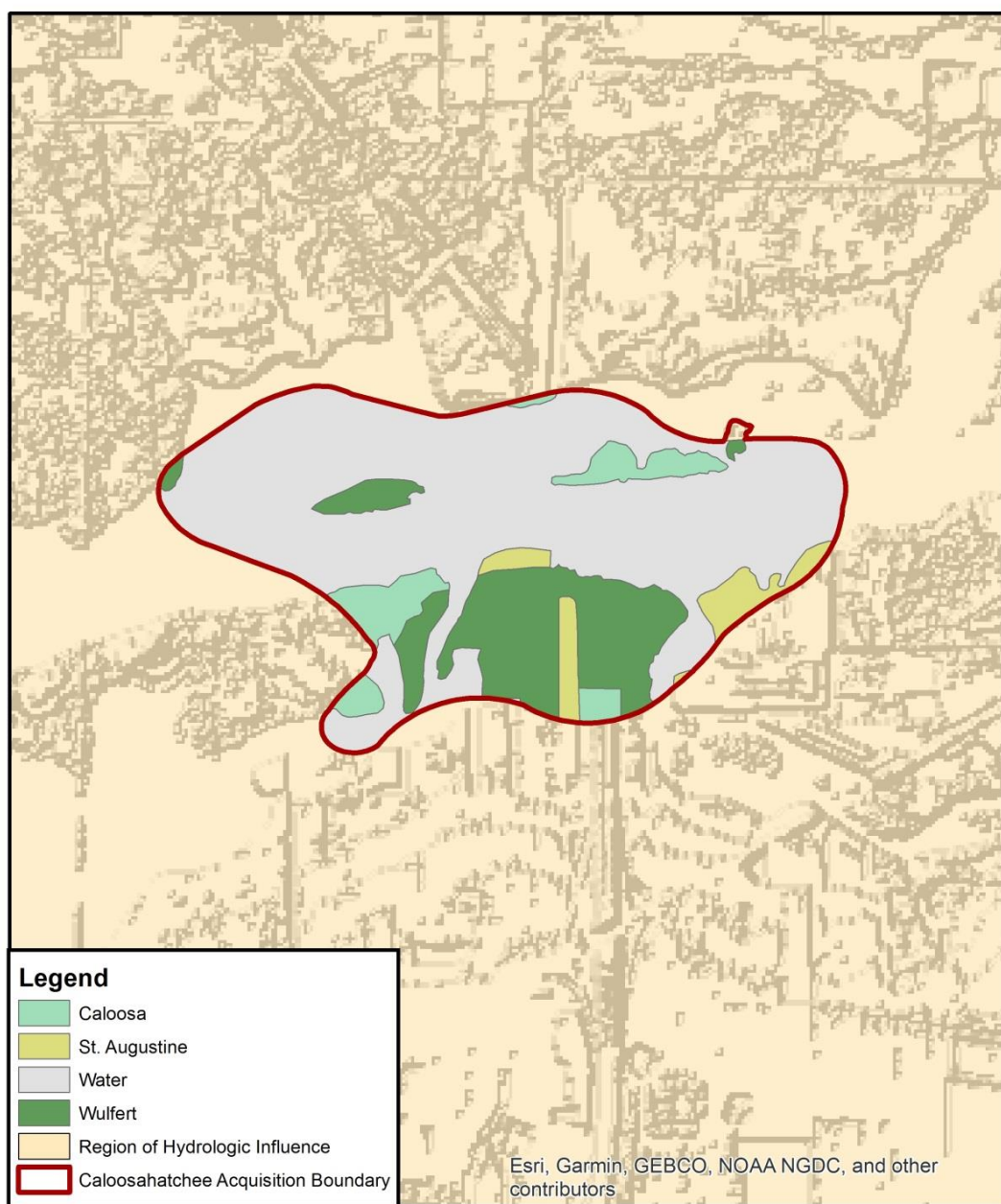
Table 1. Soil series descriptions for soils within the acquisition boundary of Caloosahatchee National Wildlife Refuge. Source: (Soil Survey Staff & NRCS, 2017).

	Series Name		
	Caloosa	St. Augustine	Wulfert
Area within Acquisition Boundary (acres)	30.5	20.9	77.4
Slope	0-2%	0-2%	0-1%
Drainage Class	Moderately well drained; slow permeability	Somewhat poorly drained	Very poorly drained
Hydrologic Soil Group	A	A	A/D
Surface Texture	Sand or fine sand	Sand or fine sand	Muck
Subsurface Texture	Sandy clay, clay, or silty clay	Sand, fine sand, loamy sand, or loamy fine sand	Fine sand
Location	Marine terraces	Marine terraces	Tidal marshes on marine terraces
Parent Material	Sandy and clayey dredge spoils	Sandy mine spoil or earthy fill over herbaceous organic material	Herbaceous organic material over sandy marine deposits

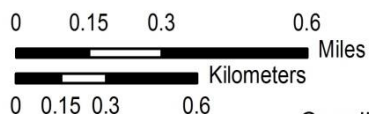


Caloosahatchee National Wildlife Refuge

Soil Series



Produced by the Water Resources and
Remote Sensing Laboratory
at the University of Georgia
Athens, GA
Map Date: February 2019
File Name: soil_series_ch



Coordinate System: GCS North American 1983
Datum: North American 1983
Units: Degree

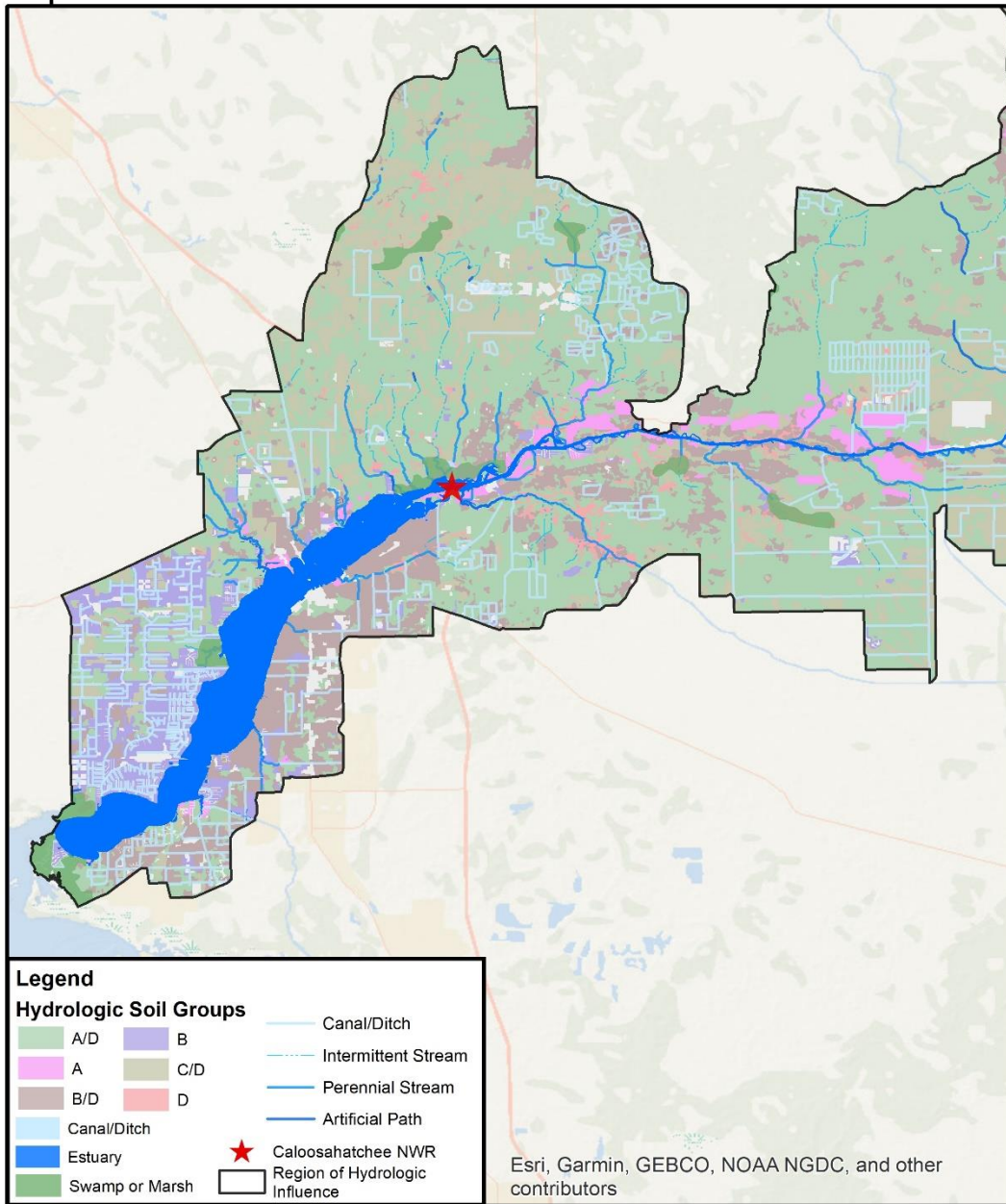
Figure 8. Soil series in Caloosahatchee National Wildlife Refuge. Source: (Soil Survey Staff & Natural Resources Conservation Service [NRCS], 2017).



Caloosahatchee National Wildlife Refuge

Hydrologic Soil Groups

82°0'0"W



Produced by the Water Resources and
Remote Sensing Laboratory
at the University of Georgia
Athens, GA
Map Date: February 2019
File Name: hydro_soil_ch



Coordinate System: GCS North American 1983
Datum: North American 1983
Units: Degree

Figure 9. Hydrologic soil groupings around Caloosahatchee National Wildlife Refuge. Source: (Soil Survey Staff & Natural Resources Conservation Service [NRCS], 2017).

3.5.4 Hydrology

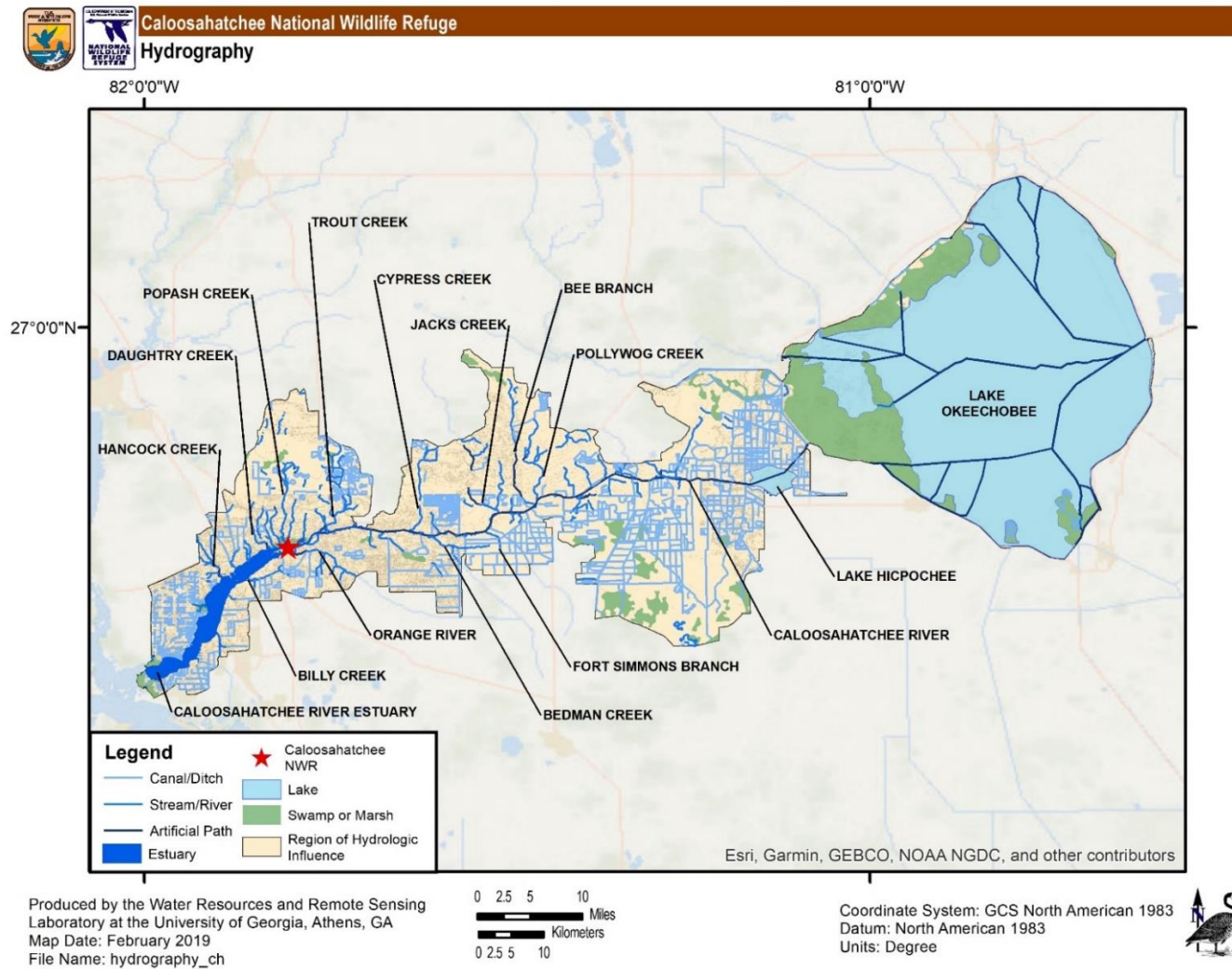


Figure 10. Hydrography of the Region of Hydrologic Influence of Caloosahatchee National Wildlife Refuge. Source: (USGS, 2013a; SFWMD, 2011).

3.5.5 Land Use and Land Cover

Table 2. Land cover types and percentages within the Region of Hydrologic Influence and acquisition boundary of Caloosahatchee National Wildlife Refuge. Source: (USGS, 2014).

Land Cover Type	Percentage within RHI	Percentage within Acquisition Boundary
Open Water	34.49	73.21
Developed, Open Space	5.25	2.98
Developed, Low Intensity	4.16	2.38
Developed, Medium Intensity	0.90	0.60
Developed High Intensity	0.28	
Barren Land (Rock/Sand/Clay)	0.08	
Evergreen Forest	2.33	0.60
Shrub/Scrub	4.35	
Grassland/Herbaceous	0.81	
Pasture/Hay	8.82	
Cultivated Crops	11.24	
Woody Wetlands	14.15	19.64
Emergent Herbaceous Wetlands	13.15	0.60



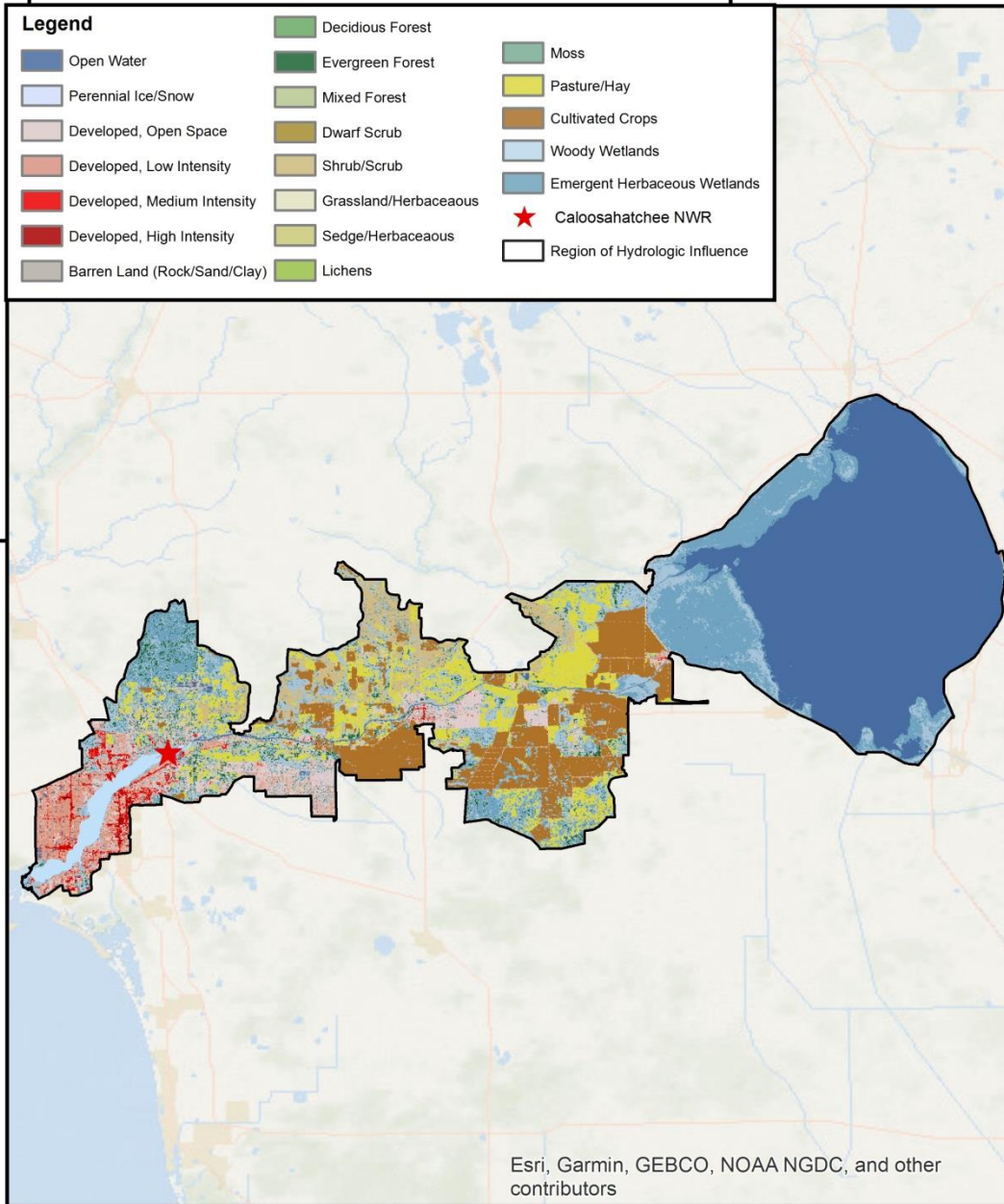
Caloosahatchee National Wildlife Refuge

Land Cover

82°0'0"W

81°0'0"W

27°0'0"N



Produced by the Water Resources and
Remote Sensing Laboratory
at the University of Georgia
Athens, GA
Map Date: February 2019
File Name: land_cover_ch



Coordinate System: GCS North American 1983
Datum: North American 1983
Units: Degree

Figure 11. Land cover in the Region of Hydrologic Influence of Caloosahatchee National Wildlife Refuge. Source: (USGS, 2014).

3.5.6 Climate

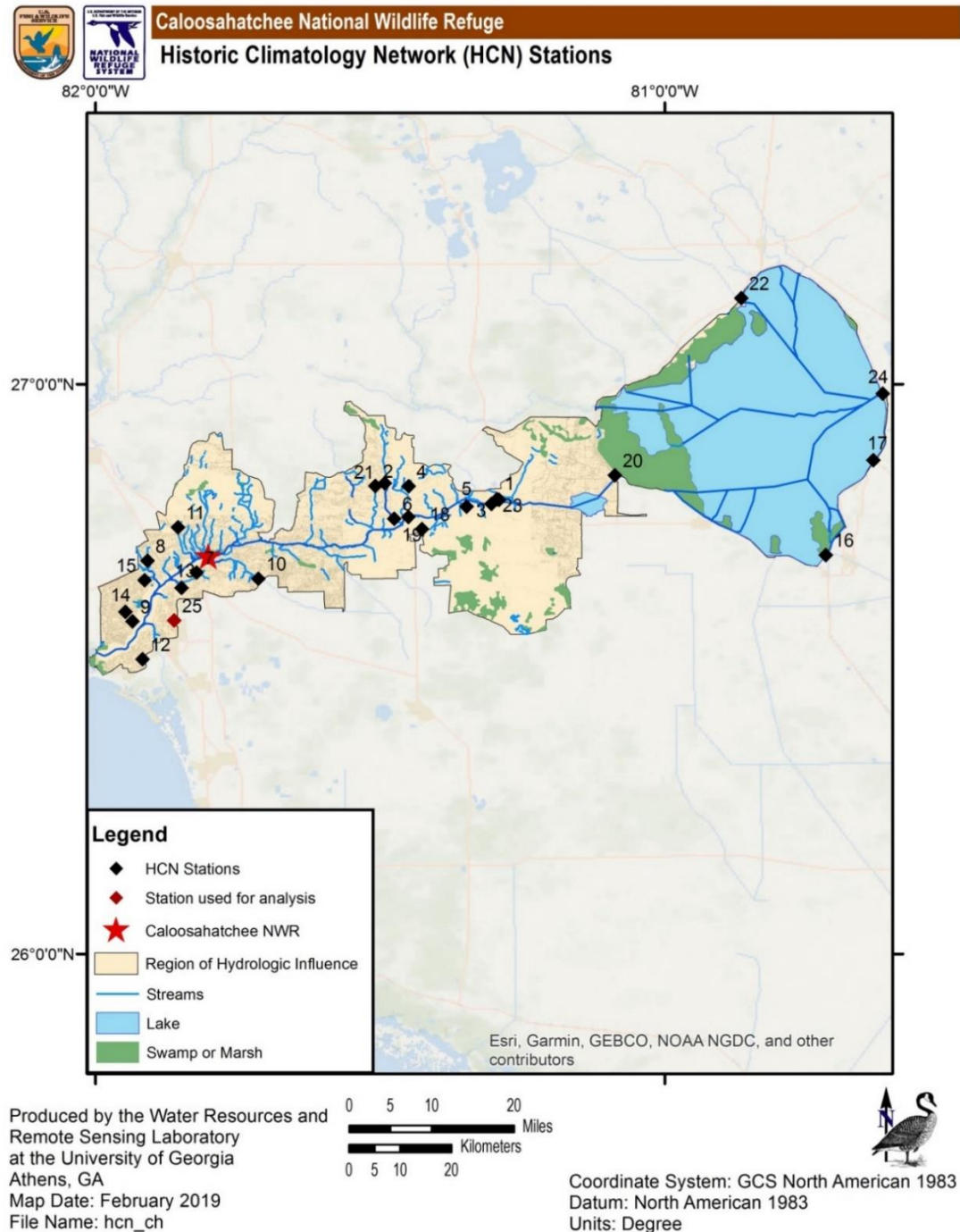


Figure 12. Historical Climatology Network (HCN) stations in the Region of Hydrologic Influence. The GHCN-Daily was used for this report and is a collection of over 100,000 climate stations around the globe. This database uses climate stations that collect temperature and precipitation data from various sources; therefore, there is a large variation in length of record and data collected between stations. Numbered items refer to Map ID in Table 3. The red station was used for further analysis in this section and is less than 10 miles from the refuge. Source: (NOAA Regional Climate Center, 2018).

Table 3. HCN stations in the Region of Hydrologic Influence. The bolded station was used for further analysis in Section 3.5.6 and can be found in Figure 12. Source: (NOAA Regional Climate Center, 2018).

Map ID	Station Name	State	City	Latitude	Longitude
1	US1FLGL0002	FL	MOORE	26.7967	-81.2910
2	US1FLGL0004	FL	LA	26.8211	-81.5081
3	US1FLGL0006	FL	MOORE	26.7981	-81.2947
4	US1FLGL0007	FL	LA	26.8206	-81.4495
5	US1FLGL0012	FL	LA	26.7850	-81.3478
6	US1FLHY0003	FL	LA	26.7639	-81.4748
7	US1FLLE0001	FL	FORT	26.6693	-81.8224
8	US1FLLE0003	FL	NORTH	26.6900	-81.9083
9	US1FLLE0004	FL	CAPE	26.5837	-81.9348
10	US1FLLE0006	FL	BUCKINGHAM	26.6586	-81.7138
11	US1FLLE0011	FL	NORTH	26.7485	-81.8548
12	US1FLLE0017	FL	CYPRESS	26.5174	-81.9170
13	US1FLLE0037	FL	FORT	26.6423	-81.8488
14	US1FLLE0047	FL	CAPE	26.6002	-81.9473
15	US1FLLE0049	FL	NORTH	26.6559	-81.9135
16	USC00080616	FL	BELLE	26.7000	-80.7167
17	USC00081271	FL	CANAL	26.8667	-80.6333
18	USC00084662	FL	LA	26.7458	-81.4264
19	USC00084667	FL	LA	26.7667	-81.4500
20	USC00085895	FL	MOORE	26.8400	-81.0872
21	USC00086048	FL	MUSE	26.8261	-81.4914
22	USC00086485	FL	OKEECHOBEE	27.1508	-80.8653
23	USC00086657	FL	ORTONA	26.7897	-81.3045
24	USC00087293	FL	PORT	26.9833	-80.6167
25	USW00012835	FL	FT	26.5850	-81.8614

Table 4. Overview of annual temperature and precipitation data from 1892 - 2019 from Station USW00012835. Location of station can be found in Figure 12 and Table 3. Source: (NOAA Regional Climate Center, 2018).

Type of Data	Number of Years with data	Overall Average	Median	Most Recent Year (2019)
Annual Precipitation (in)	110	53.93	52.79	60.37
Average Temperature (°F)	118	74.34	74.35	76.81
Average Maximum Temperature (°F)	118	95.82	96.00	98.00
Average Minimum Temperature (°F)	118	34.66	35.00	41.00

Table 5. Precipitation and temperature data within quarters from Station USW00012835. Location of station can be found in Figure 12 and Table 3. Source: (NOAA Regional Climate Center, 2018)

Type of Data	1892-1927	1927-1958	1958-1988	1988-2019
Average Temperature	73.50	74.26	74.24	75.50
Average Maximum Temperature	94.43	96.16	96.00	96.83
Average Minimum Temperature	34.80	34.77	32.90	36.24
	1892-1933	1933-1962	1962-1990	1990-2019
Annual Precipitation	52.50	53.97	53.35	55.92

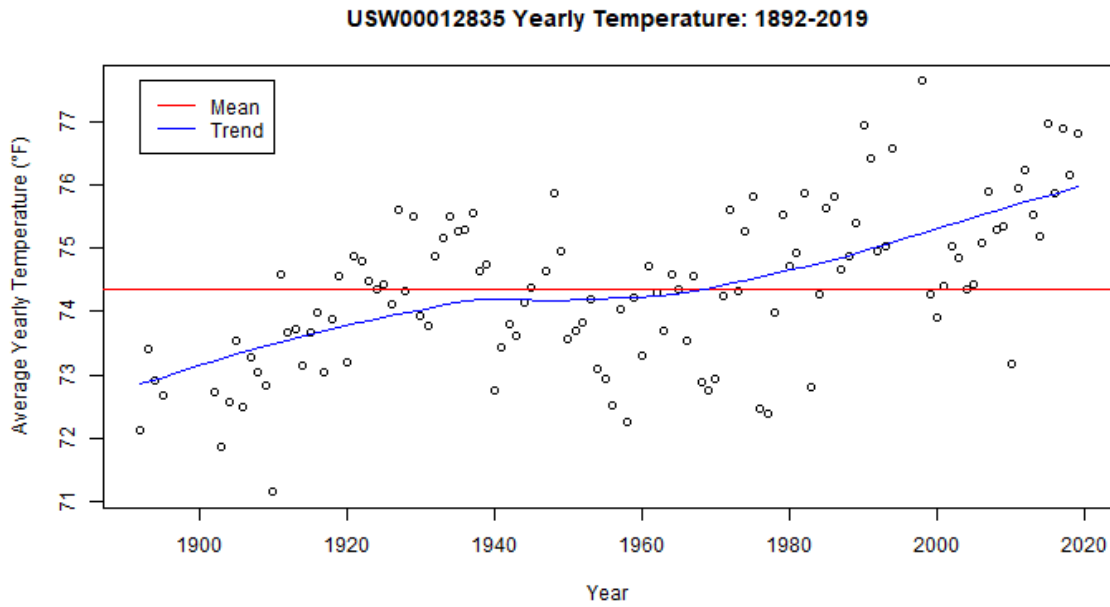


Figure 13. Average yearly temperature from Station USW00012835 from 1892-2019. Location of station can be found in Figure 12 and Table 3. Source: (NOAA Regional Climate Center, 2018)

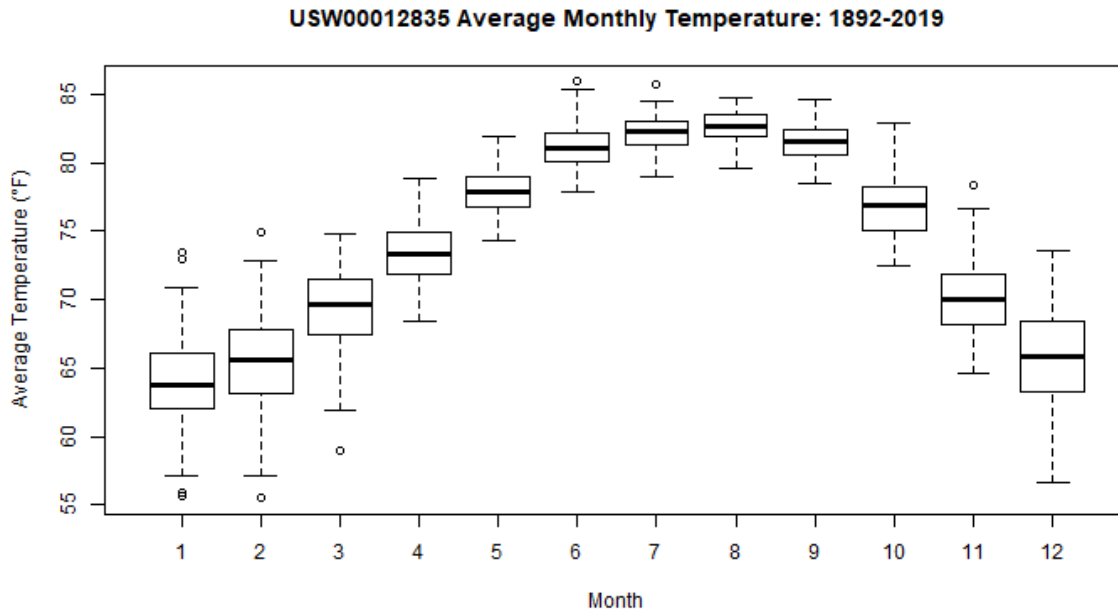


Figure 14. Average monthly temperature from Station USW00012835 from 1892-2019. Location of station can be found in Figure 12 and Table 3. Source: (NOAA Regional Climate Center, 2018).

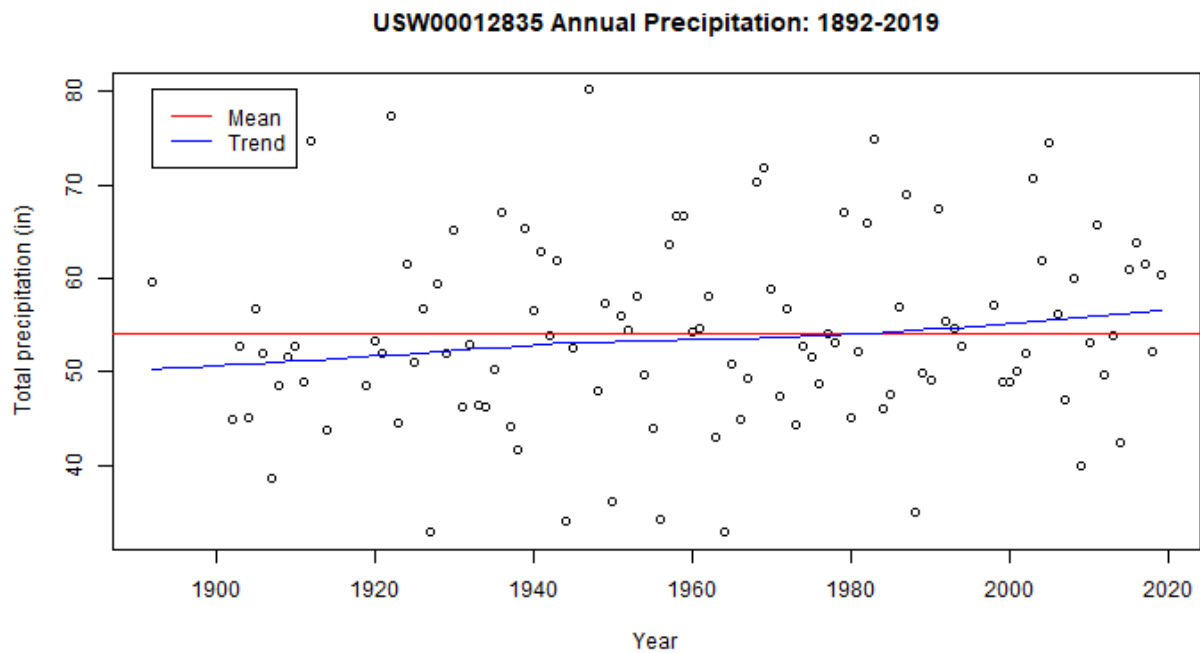


Figure 15. Annual precipitation from Station USW00012835 from 1892-2019. Location of station can be found in Figure 12 and Table 3. Source: (NOAA Regional Climate Center, 2018).

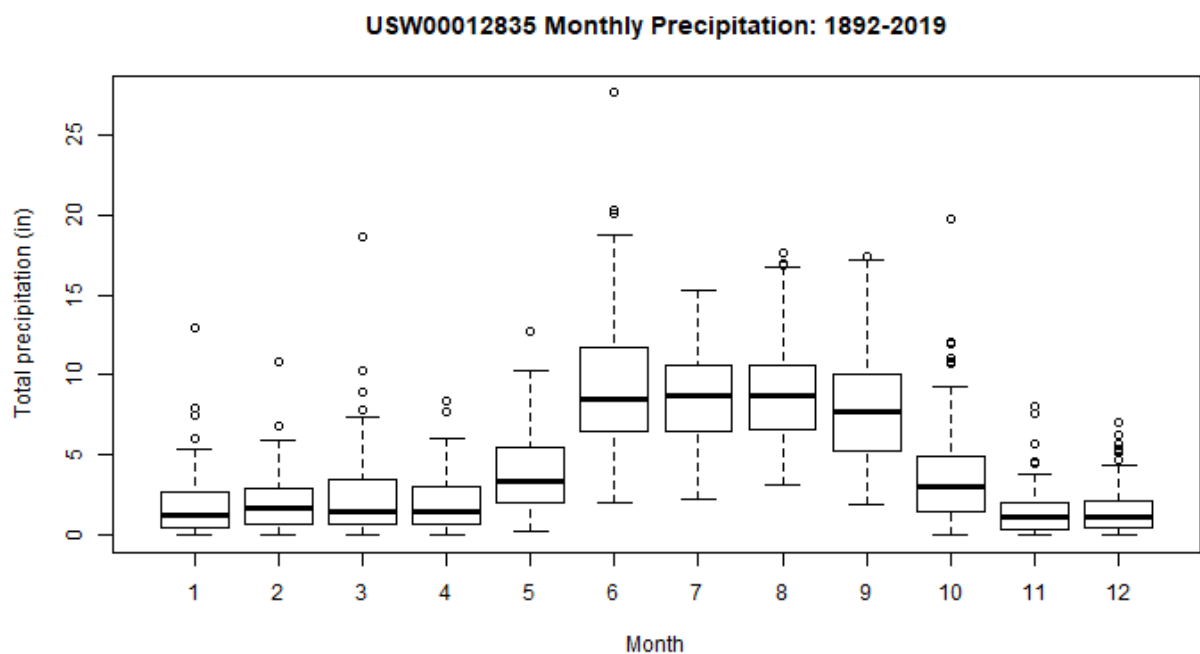


Figure 16. Monthly precipitation from Station USW00012835 from 1892-2019. Location of station can be found in Figure 12 and Table 3. Source: (NOAA Regional Climate Center, 2018).

3.6 Inventory Summary and Discussion

This section summarizes the findings of the water resources inventory for both surface water and groundwater for the RHI around Caloosahatchee NWR. This inventory includes physical water resources and related infrastructure, monitoring records, water quantity, and water quality conditions.

The Florida Water Resources Act of 1972 established a regional water management system with five water management districts (*Chapter: 40B-4 F.A.C.*). These districts are based on hydrologic boundaries and watersheds, and Caloosahatchee NWR is in the South Florida Water Management District (SFWMD). This district uses the Arc Hydro Enhanced Database (AHED) as a system of record for the geospatial properties of hydrographic data. This database has been enhanced to meet specific requirements for the district. The AHED adopted boundaries and nomenclature from the U.S. Geologic Survey (USGS) for consistency with national datasets such as the National Hydrography Dataset (NHD) and the NWBD. This database and the resulting datasets are used in this section of the report in addition to other sources of GIS information. An expanded data records table can be found in Appendix A.

3.6.1 Water Resources

3.6.1.1 Rivers, Streams, and Creeks

The USGS and the Environmental Protection Agency (EPA) started assembling the NHD in 1997. The most recent update to the database was in March 2014. According to the NHD, there are six different categories of streams in the RHI: connectors, canals/ditches, intermittent streams, perennial streams, artificial paths, and coastlines (FCodes 33400, 33600, 46003, 46006, 55800, and 56600 respectively). Artificial paths represent a surrogate for general flow direction within a reservoir, estuary, or wide river that is represented as an area rather than a line within NHD.

Connectors represent a known but nonspecific connection between two nonadjacent network segments, such as between an artificial path segment upstream of a dam and a perennial stream segment downstream of the dam. Streams can have different segments that are in different categories.

The SFWMD uses the AHED (Arc Hydro Enhanced Database) as the inventory system for their hydrologic GIS data. This database was recently updated to use the same nomenclature and use of “FCodes” as the NHD. Table 6 shows the “FCode” for each stream in the RHI both named and unnamed, according to the NHD. Table 7 shows the “FCode” according to the AHED but does not differentiate between named and unnamed.

Table 6. Streams defined by the NHD in the Region of Hydrologic Influence and acquisition boundary of Caloosahatchee NWR. Source: (USGS, 2013a).

FCode	Miles in RHI	Miles in Acquisition Boundary
Artificial Path (Named)	91.01	1.97
Artificial Path (Unnamed)	159.08	0.27
Canal/Ditch (Named)	5.27	
Canal/Ditch (Unnamed)	1204.19	0.01
Coastline (Unnamed)	5.07	
Connector (Named)	2.04	
Intermittent (Named)	23.73	
Intermittent (Unnamed)	96.24	
Perennial (Named)	74.98	
Perennial (Unnamed)	72.72	0.01
Total (named)	197.07	1.97
Total (unnamed)	1537.31	0.30
Total	1734.39	2.27

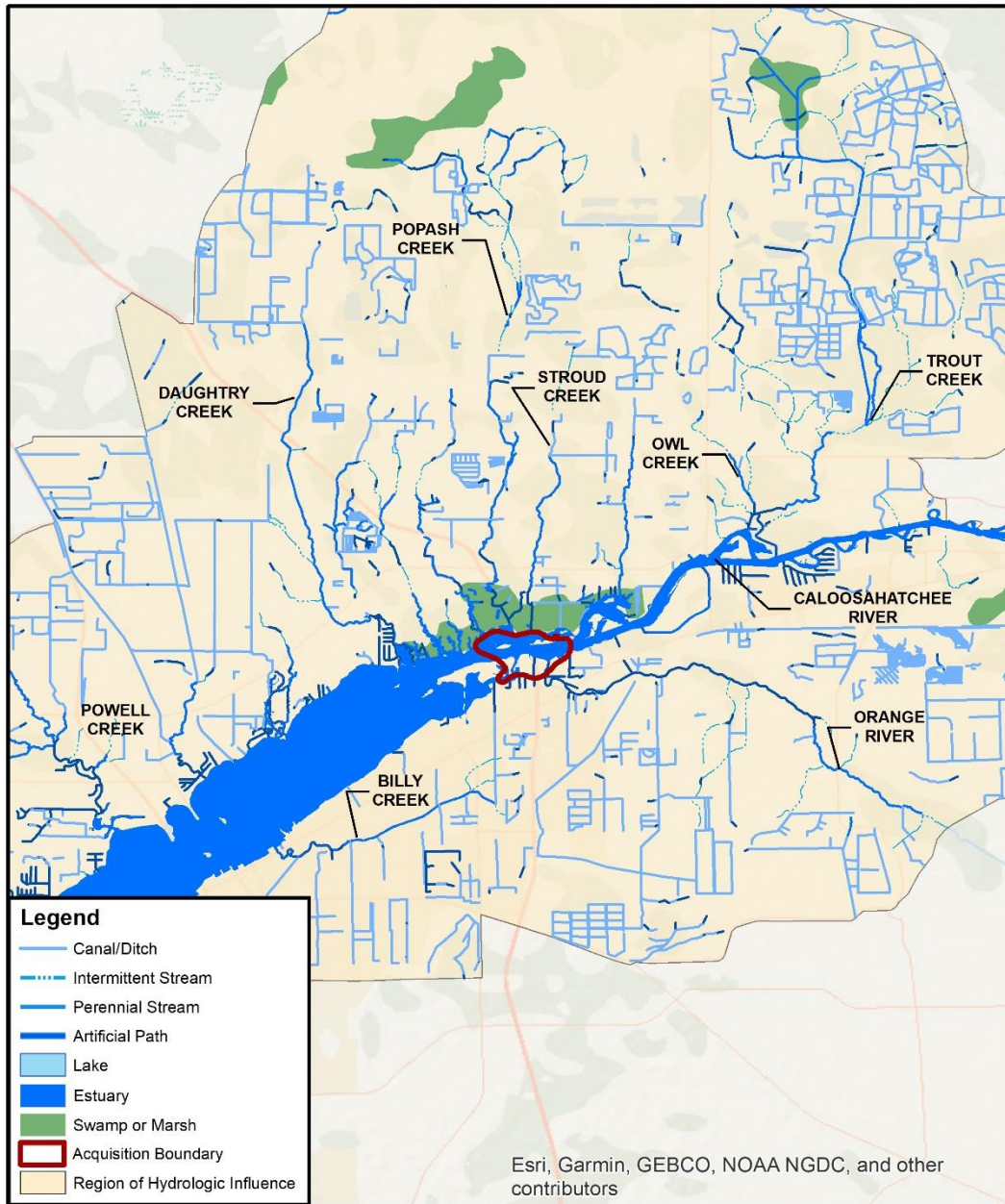
Table 7. Streams defined by the Arc Hydro Enhanced Database in the Region of Hydrologic Influence and acquisition boundary of Caloosahatchee NWR. Source: (SFWMD, 2011)

FCode	Miles in RHI	Miles in Acquisition Boundary
Connector	0.35	
Canal/Ditch	2438.57	
Intermittent Stream	121.68	
Perennial Stream	139.91	0.14
Artificial Path	1079.24	4.25
Undefined	297.95	
Total	4077.69	4.39

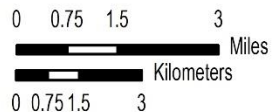


Caloosahatchee National Wildlife Refuge

Streams



Produced by the Water Resources and
Remote Sensing Laboratory
at the University of Georgia
Athens, GA
Map Date: February 2019
File Name: streams_ch



Coordinate System: GCS North American 1983
Datum: North American 1983
Units: Degree

Figure 17. Streams around the acquisition boundary of Caloosahatchee National Wildlife Refuge. Source: (USGS, 2013a; SFWMD, 2011).

3.6.1.2 Canals and Drainage Ditches

There are a total of 1,209.47 miles of canals/ditches in the RHI of Caloosahatchee NWR and 0.01 miles of unnamed canals/ditches located in the acquisition boundary according to the NHD (Table 6, Figure 10). According to the AHED, there are 2,438.57 miles of canals in the RHI, none of which are inside the acquisition boundary (Table 7).

3.6.1.3 Lakes and Ponds

There is a total of 820.24 square miles of lakes and ponds within the RHI of Caloosahatchee NWR. Only 0.07 square miles are within the acquisition boundary (Table 8).

Table 8. Square miles and acres of lakes and ponds in the Region of Hydrologic Influence and acquisition boundary of Caloosahatchee National Wildlife Refuge. Source: (USGS, 2013a).

FCode	Square Miles within the RHI	Square Miles within the Acquisition Boundary
Intermittent- date of photography (Unnamed)	0.07	NA
Perennial- average water elevation (Named)	500.74	NA
Perennial (Named)	0.13	NA
Perennial (Unnamed)	2.33	NA
Reservoir- aquaculture (Unnamed)	0.11	NA
Reservoir- decorative pool (Unnamed)	0.41	NA
Reservoir- no attributes (Named)	<0.01	NA
Reservoir- no attributes (Unnamed)	8.97	NA
Reservoir- treatment-sewage treatment pond (Unnamed)	0.02	NA
Reservoir- treatment (Unnamed)	0.04	NA
Reservoir- water storage (Unnamed)	<0.01	NA
Reservoir- water storage; Construction Material earthen; Hydrographic Category intermittent (Unnamed)	<0.01	NA
Swamp/Marsh (Named)	4.65	NA
Swamp/Marsh (Unnamed)	302.77	0.07
Total (named)	505.52	NA
Total (unnamed)	314.71	0.07
Total	820.24	0.07

3.6.1.4 Waterbodies

According to the AHED, there are 7 types of waterbodies in the RHI (Table 9). This dataset

delineates water bodies such as rivers, streams, canals, and lakes within the district and was modified from the NHD (SFWMD, 2019). Figure 18 shows the waterbodies near the refuge.

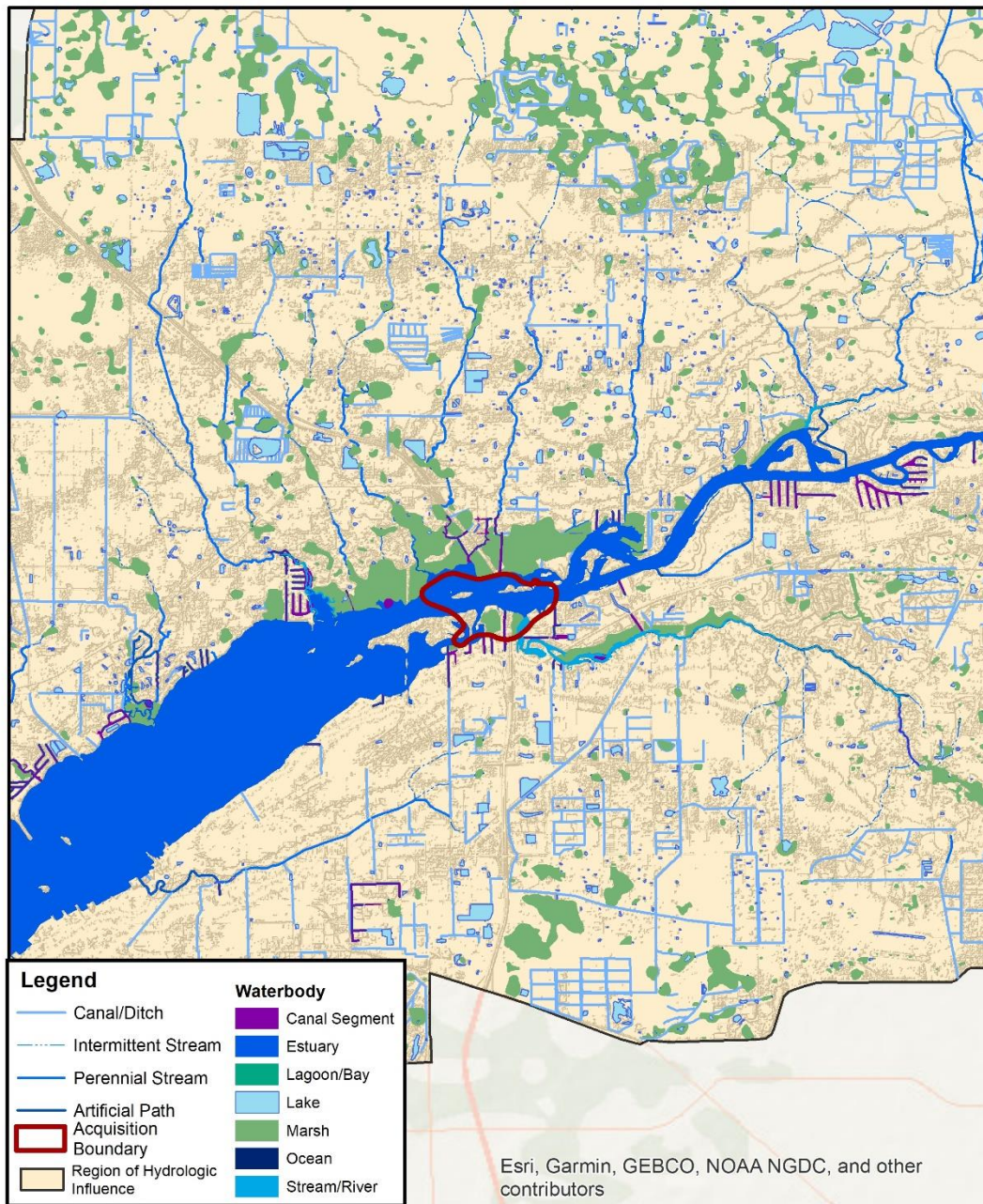
Table 9. Waterbodies from the Arc Hydro Enhanced Database in the Region of Hydrologic Influence. Source: (SFWMD, 2011)

Type of Waterbody	Acres in RHI	Square Miles in RHI
Canal Segment	6972.0	10.89
Estuary	17541.1	27.41
Lagoon/Bay	167225.0	261.29
Lake	370112.6	578.30
Marsh	165891.5	259.21
Ocean	90.9	0.14
Stream/River	1739.3	2.72
Total	729572.4	1139.96



Caloosahatchee National Wildlife Refuge

Waterbodies



Produced by the Water Resources and Remote Sensing Laboratory at the University of Georgia Athens, GA
Map Date: May 2019
File Name: waterbodies_ch

0 0.5 1 2
Miles
0 0.5 1 2
Kilometers

Coordinate System: GCS North American 1983
Datum: North American 1983
Units: Degree



Figure 18. Waterbodies from the Arc Hydro Enhanced Database around Caloosahatchee National Wildlife Refuge. Source: (SFWMD, 2011)

3.6.1.5 Wetlands

The US Fish and Wildlife Service published the National Wetland Inventory (NWI) for the entire United States in 1974. The NWI keeps track of the wetlands and provides reports of the trends and statuses of the different wetland types. The size and spatial location of the wetlands is shown in Table 10 and Figure 19. The refuge itself is considered Estuarine and Marine Wetland.

Table 10. Type of wetland in the Region of Hydrologic Influence of Caloosahatchee National Wildlife Refuge. Source: (USFWS, 2015).

Type of Wetland	Acres within the RHI
Estuarine and Marine Deepwater	146,645.7
Estuarine and Marine Wetland	5,078.7
Freshwater Emergent Wetland	108,349.6
Freshwater Forested/Shrub Wetland	48,471.9
Freshwater Pond	3,875.3
Lake	394,501.6
Riverine	37,000.1
Grand Total	743,922.71



Caloosahatchee National Wildlife Refuge

Wetlands



Produced by the Water Resources and
Remote Sensing Laboratory
at the University of Georgia
Athens, GA
Map Date: March 2019
File Name: wetlands_ch



Coordinate System: GCS North American 1983
Datum: North American 1983
Units: Degree

Figure 19. Wetlands around the acquisition boundary of Caloosahatchee NWR. Source: (USFWS, 2015).

3.6.2 Infrastructure

Infrastructure on Caloosahatchee NWR or within the boundaries of the RHI can potentially alter the water resources to varying degrees. The following is an inventory of infrastructure relevant to water resources within Caloosahatchee NWR and the RHI.

3.6.2.1 Inventory Dams

There are a total of 20 dams, gates, water control structures, and diversions within the RHI of Caloosahatchee NWR (Figure 20). Five of these dams are named and are listed in Table 11. Two of these dams, Structure 78 and Structure 79, are located on the Caloosahatchee River (Patino, 2014).

Table 11. Water control structures in the Region of Hydrologic Influence of Caloosahatchee National Wildlife Refuge. NID ID represents the identification number used in the National Inventory of Dams. Map ID references locations shown in Figure 20. Source: (USACE, 2018).

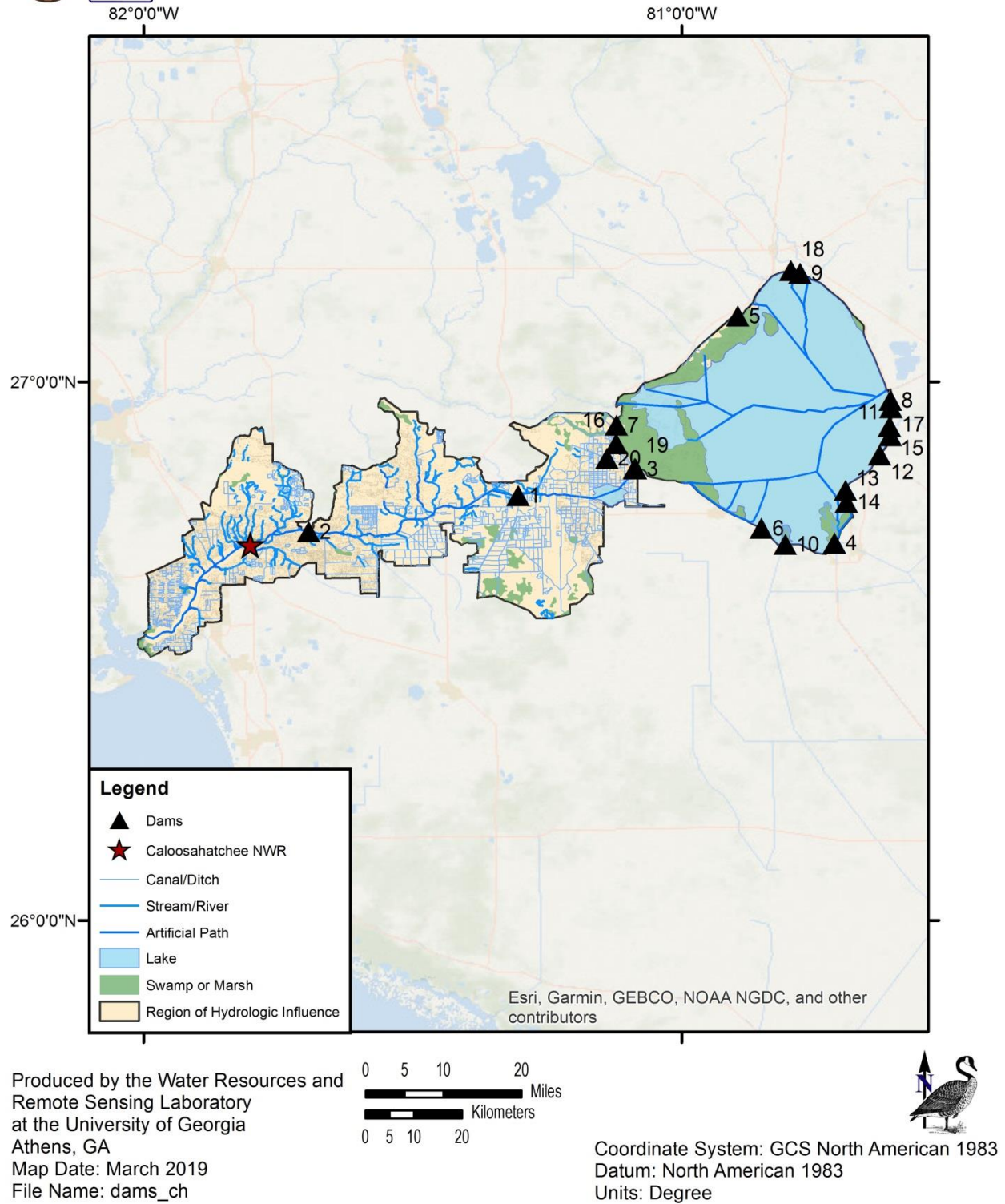
Map ID	NID ID	Name	Year Completed	Global ID
1	FL00424	STRUCTURE 78	1937	{ED843608-F296-4918-ABC8-5239CCB4C2FE}
2	FL00310	STRUCTURE 79	1965	{9AB13241-9261-42D1-8E70-A217B13803B5}
3	FL00685	STRUCTURE 235	1975	{3730BA25-3B7A-4193-89A0-802DB631BF85}
4	FL36001	HERBERT HOOVER DIKE	1965	{BBC96657-E9D4-4AE5-BC8F-FC8085063506}
5	FL00299	PUMPING STATION 127 AND LOCK	1963	{1D924376-B507-4D47-AEDF-3C21FCE1E00A}
6	FL00328	Unnamed	NA	{D1BBEB35-E0E9-4012-8721-3C7B25542DE2}
7	FL00304	Unnamed	NA	{971D042E-407A-4EC1-AD0F-EDFC34C54397}
8	FL00303	Unnamed	NA	{A089881D-5AF4-4F6F-B563-7AC4A08E51AD}
9	FL00293	Unnamed	NA	{FFC1329C-58F2-4772-A37D-95D73FB7F0A9}
10	FL00326	Unnamed	NA	{DA193926-64B8-48E4-B41E-3BDE3AD64D3E}
11	FL00318	Unnamed	NA	{C2EF9637-6C46-4461-9904-08BC40A31A44}
12	FL00319	Unnamed	NA	{071C41D6-21F6-4CE7-9C15-BBF0EBDC429E}
13	FL00320	Unnamed	NA	{BD458066-87E9-4362-A9F1-74B3EC71669E}
14	FL00321	Unnamed	NA	{17D1D1F7-4D52-4DC0-B91E-C8F588E5B8A6}
15	FL00317	Unnamed	NA	{42BB2142-AAA7-4186-93B8-20645497D852}
16	FL00305	Unnamed	NA	{F2F5A866-A635-4F6E-82CB-671A4C3C4506}
17	FL00314	Unnamed	NA	{082E8517-93C5-4A34-B990-1BCE6F4CC5D8}
18	FL00291	Unnamed	NA	{9FB6D680-00FA-4F7B-851A-C3A1608C41DE}

Map ID	NID ID	Name	Year Completed	Global ID
19	FL00306	Unnamed	NA	{06ED2D89-4A79-49ED-B6BF-819921C434AF}
20	FL00422	Unnamed	NA	{12769FF8-EF41-48B1-AF4E-FDCD80FD4875}



Caloosahatchee National Wildlife Refuge

Dams



3.6.2.2 Reservoirs

According to the NHD, there are 8 types of reservoirs within the RHI (Table 8). In total, there is 9.55 square miles (6,112 acres) of reservoirs in the RHI of Caloosahatchee NWR. None of these reservoirs are within the acquisition boundary.

3.6.2.3 Above Ground Impoundments

According to the AHED, there are 125 permitted impoundments in five use classes issued by the SFWMD in the RHI of Caloosahatchee NWR. Table 12 lists the total acreage of impoundments by type of impoundment use. Additionally, a large impoundment meant to store water during high flow/release from Lake Okeechobee is currently under construction. This basin is roughly 12 square miles (7,680 acres) and is not included in Table 12.

Table 12. Total acres covered by various impoundment uses in the Region of Hydrologic Influence of Caloosahatchee National Wildlife Refuge.

Impoundment Use	Acres
Agricultural	137888.5
Mining	2074.9
Nursery	272.4
Other	154.7
Recreational	40.4
(blank)	2297.6
Total	142728.6

3.6.2.4 Dikes and Levees

According to the NHD, there are no dikes or levees in the RHI or acquisition boundary of Caloosahatchee NWR. However, a dike commonly known as the Herbert Hoover Dike surrounds Lake Okeechobee. Additionally, the above ground impoundments in Section 3.6.2.3 are surrounded by dikes (SFWMD, 2011).

3.6.2.5 Culverts, Locks, Pumps, and Spillways

There are 4 different structure types identified by the AHED. Table 13 lists the name of the structure, the canal it is located on, what type of structure it is, and if it is still active or not. Most of these structures are located on the rim of Lake Okeechobee, or within 25 miles of the lake. Most of the locks are associated with dams identified in Section 3.6.2.1. Only 2 are located on the Caloosahatchee River, the S78_Lock and the S79_Lock. These locks correspond to Structure 78 and 79 dams, respectively, mentioned in Section 3.6.2.1. There are only two structures that are not active, the S342E and S342W culverts on the C-19 canal.

Table 13. Structures identified in the Arc Hydro Enhanced Database within the Region of Hydrologic Influence of Caloosahatchee National Wildlife Refuge. Source: (SFWMD, 2011)

Type of Structure	Name	Canal	Active?
Culvert	S272	Lake Okeechobee Rim	Yes
Culvert	C5A	L-41	Yes
Culvert	S270	Lake Okeechobee Rim	Yes
Culvert	C14	Lake Okeechobee Rim	Yes
Culvert	C3	Lake Okeechobee Rim	Yes
Culvert	C5	Nicodemus Slough	Yes
Culvert	S275	Lake Okeechobee Rim	Yes
Culvert	S269	Lake Okeechobee Rim	Yes
Culvert	C10A	Lake Okeechobee Rim	Yes
Culvert	S274	Lake Okeechobee Rim	Yes
Culvert	S273	Lake Okeechobee Rim	Yes
Culvert	S342E	C-19	No
Culvert	S342S	C-19	Yes
Culvert	S342	Nicodemus Slough	Yes
Culvert	S47B	C-19	Yes
Culvert	S342W	C-19	No
Lock	S131_LOCK	L-50	Yes
Lock	S193	L-D4	Yes
Lock	S127_LOCK	L-48	Yes
Lock	S77_LOCK	C43	Yes
Lock	G36	Henry Creek	Yes
Lock	S79_LOCK	C-43	Yes
Lock	S78_LOCK	C-43	Yes
Pump	S2	L-14 & L-20	Yes
Pump	S133	L-D4	Yes
Pump	S3	L-25	Yes

Type of Structure	Name	Canal	Active?
Pump	S127	L-48	Yes
Pump	S129	L-49	Yes
Pump	S236	Lake Okeechobee Rim	Yes
Spillway	S351	L-20	Yes
Spillway	S191	C-59	Yes
Spillway	S77	C-43	Yes
Spillway	S352	L-10	Yes
Spillway	S354	L-25	Yes
Spillway	S47D	C-19	Yes
Spillway	S78	C-43	Yes
Spillway	S79	C-43	Yes

3.6.2.6 Roads, Bridges, and Boat Ramps

According to the U.S. Census Bureau in the Department of Commerce, there are 23.87 miles of primary roads within the RHI and 1.44 miles of primary roads in the acquisition boundary (U.S. Census Bureau and USDC, 2015). The only road within the acquisition boundary is the major highway, Interstate-75, that passes over the refuge.

3.6.3 Water Monitoring

This section examines water quantity and quality stations that exist on the refuge and in the RHI for both surface water and groundwater. There is a total of 1,870 water monitoring stations in the RHI, but only 42 have sufficient data availability to be included in this inventory of relevant monitoring stations for Caloosahatchee NWR. The stations presented in each subsection are chosen by a minimum number of observations and length of continuous record and are defined in each subsection description. Additional information on individual stations can be found using the Water Quality Portal (WQP), sponsored by the USGS and EPA. Stations listed with the agency USGS can be found through the USGS but are not necessarily operated through the USGS. Stations listed by the USGS have URLs that link to web pages for the individual stations. There is a total of 42 relevant stations in the RHI, and none are within the acquisition boundary (Figure 21). Additional information about water monitoring stations can be found in Appendix B.



Caloosahatchee National Wildlife Refuge Relevant Water Monitoring Stations

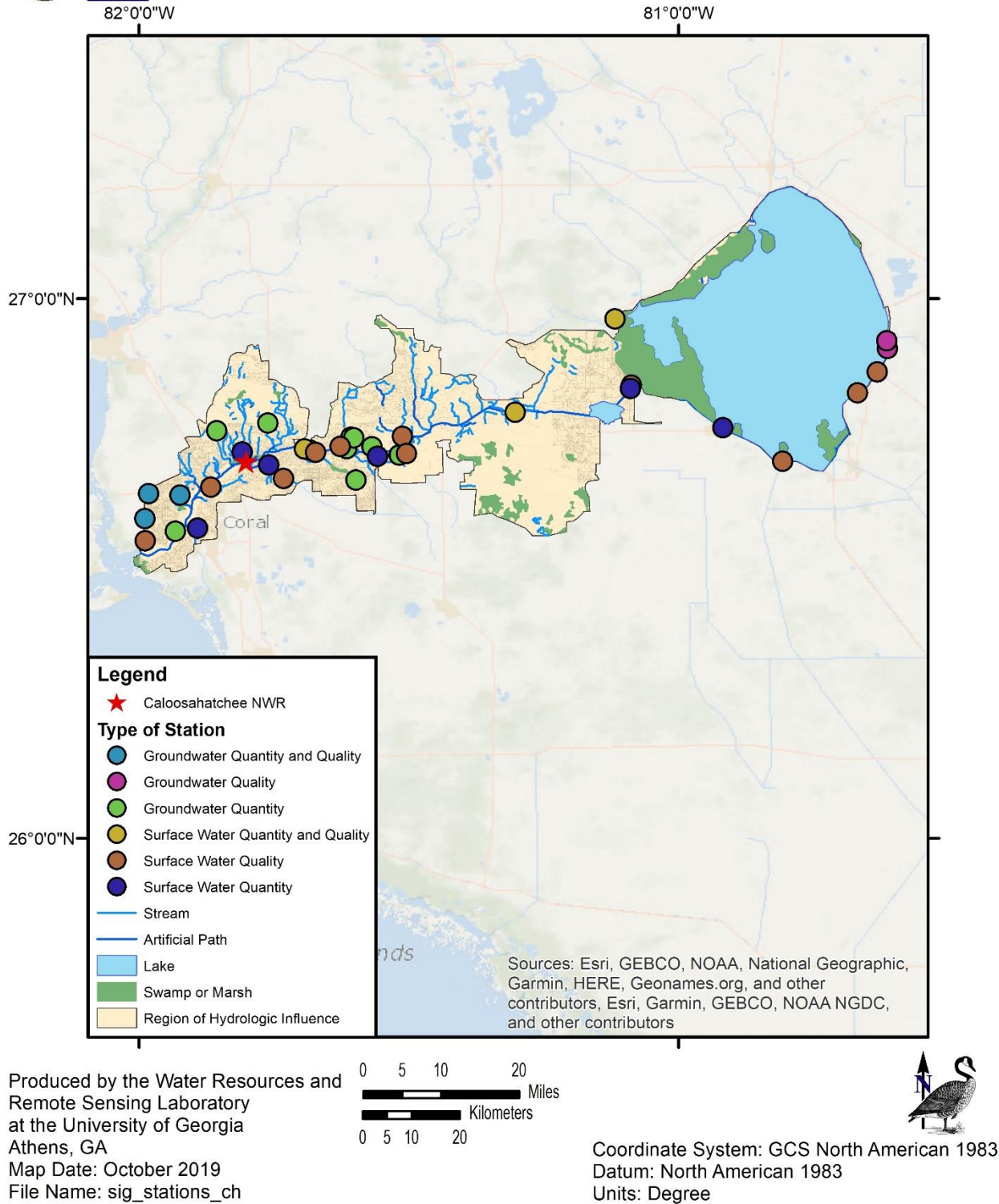


Figure 21. Relevant water monitoring stations in the Region of Hydrologic Influence of Caloosahatchee National Wildlife Refuge. Source: (USGS, 2018; National Water Quality Monitoring Council, 2018).

3.6.3.1 *Surface Water Quantity Monitoring*

There is a total of 50 surface water quantity monitoring stations, but only 12 are considered to be relevant for the purpose of this section. The relevant stations in this section have more than 20 observations or a record of discharge, gage height, or a site visit after 2015 (Table 14 and Figure 22). Station 02292780 only shows site visits after 1995, although daily gage height has been recorded at this station since December 2018 and can be accessed through the USGS. Other stations listed in the table appear to have at least 10 years of daily gage height or discharge data extending through 2019, except for station 02292480. This station stopped collecting data after 2003 except for site visits but is still considered relevant for this section due to its record history and location on the Caloosahatchee River. Most of the stations are streamgaging stations that have record of discharge and gage height. Two of the stations, [Caloosahatchee River At S-79, Nr.Olga, Fla](#) and [Orange River Near Buckingham, Fl](#), have collected water quantity as well as water quality (Patino, 2014). Station 02292900 ([Caloosahatchee River At S-79, Nr.Olga, Fla](#)) is used for further analysis in Section 3.6.4. More information about stations measuring surface water quantity can be found in Appendix B.

Table 14. Relevant surface water quantity monitoring stations in the Region of Hydrologic Influence of Caloosahatchee NWR. All station data can be found through the USGS. The bolded station indicates the station used for further analysis in Section 3.6.4. Map ID references locations shown in Figure 22. Source: (USGS, 2018; National Water Quality Monitoring Council, 2018).

Map ID	Site Number	Station Name	Type of Data	Start Date	End Date	Count	Latitude	Longitude
1	02257000	<u>FISHEATING CREEK AT LAKEPORT, FL</u>	Site visit	1973-03-24	2019-02-12	110	26.96255665	-81.11784588
			Discharge	1997-05-09	2019-04-02	7882		
			Gage height, feet	1993-06-22	2019-04-02	8845		
2	02292010	<u>CALOOSAHATCHEE CANAL DWS OF S-77 AT MOORE HAVEN FL</u>	Site Visit	2008-05-28	2019-04-10	86	26.83333333	-81.08888889
			Discharge	2008-05-19	Present	4011		
			Gage height, feet	2008-05-09	2001-05-21	3976		
			Peak Streamflow	2017-09-30	2017-10-01	1		
3	02292480	<u>CALOOSAHATCHEE CANAL AT ORTONA LOCK NR LA BELLE</u>	Site visit	1948-12-14	2016-10-12	113	26.7897863	-81.3028506
			Discharge	1971-07-01	2003-09-29	11766		
			Gage height, feet	1982-08-09	2003-09-28	7644		
4	02292780	<u>TOWNSEND CANAL NEAR ALVA, FL</u>	Site visit	1976-09-22	2019-04-12	97	26.70775278	-81.5580361
			Discharge	1985-09-30	1992-09-29	1800		
			Gage height, feet	1987-09-30	1995-07-28	1538		
5	02292900	<u>CALOOSAHATCHEE RIVER AT S-79, NR. OLGA, FLA</u>	Site visit	1966-04-14	2019-04-23	191	26.72173487	-81.69313699
			Discharge	1966-05-01	Present	19251		
			Gage height, feet - - Downstream	1969-10-01	2014-10-25	16428		
			Gage height, feet - - Upstream	1969-10-01	2014-10-25	11806		
6	02293055	<u>ORANGE RIVER NEAR BUCKINGHAM, FL</u>	Site visit	2008-01-16	2019-04-10	174	26.69194444	-81.7594444
			Gage height, feet	2007-11-22	Present	4402		
7	02293090	<u>Popash Creek at Leetana Rd. nr North Fort Myers, FL</u>	Site visit	2008-03-07	2019-04-11	72	26.71571667	-81.8086667
			Gage height, feet	2007-12-27	Present	4219		
8	02293230	<u>WHISKEY CREEK AT FT. MYERS, FL</u>	Site visit	1994-05-19	2019-04-04	203	26.57488889	-81.89188889
			Discharge	1994-04-13	Present	9085		
			Gage height, feet	1994-04-13	Present	9074		
			Peak Streamflow	1994-07-13	2017-09-10	23		

Map ID	Site Number	Station Name	Type of Data	Start Date	End Date	Count	Latitude	Longitude
9	264514080550700	INDUSTRIAL CANAL AT CLEWISTON	Site visit	1976-07-20	2019-04-22	297	26.76075867	-80.9179804
			Discharge	1976-08-24	Present	14222		
			Gage height, feet	1976-08-24	Present	15447		
			Peak Streamflow	2017-01-10	2017-01-10	1		
10	US02286400	Miami Canal At S-354 And S-3 At Lake Harbor, FLA	Discharge	1957-10-01	Present	22467	26.695	-80.80694444
			Gage Height, feet	1969-10-01	Present	17967		
11	US02293202	Caloosahatchee River At Fort Myers FL	Gage Height, feet	2016-09-15	Present	Live	26.65071111	-81.86916667
12	US02292740	Jacks Branch At Cr 78 Nr Ft Denaud FL	Gage Height, feet	2018-11-15	Present	Live	26.74742778	-81.51333333
			Site visit	2018-12-19	2019-06-13	8		



Caloosahatchee National Wildlife Refuge Relevant Streamgauge Stations

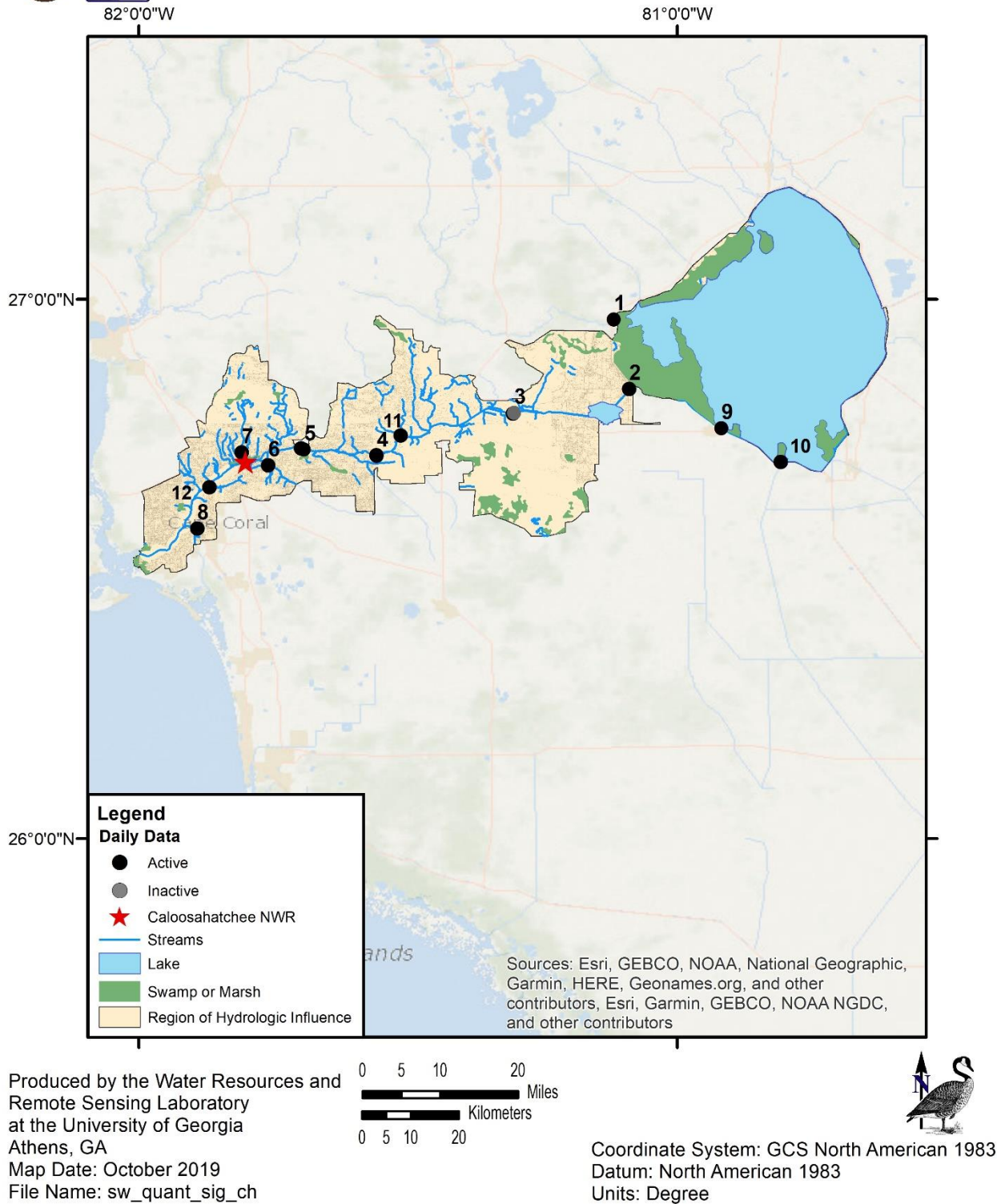


Figure 22. Relevant surface water quantity stations in the Region of Hydrologic Influence. Information about numbered locations is summarized in Table 14. Source: (USGS, 2018; National Water Quality Monitoring Council, 2018).

3.6.3.2 *Surface Water Quality Monitoring*

There are a total of 216 surface water quality monitoring stations in the RHI of Caloosahatchee NWR. The 14 USGS water quality monitoring stations presented in this section have more than 50 observations or a record after 2019 (Table 15 and Figure 23). Station 02292900 ([Caloosahatchee River At S-79, Nr. Olga, Fla](#)) is used for further analysis in Section 3.6.4 and is the only station recording real-time data (Patino, 2014). More information about stations measuring surface water quality and real-time data can be found in Appendix B.

Table 15. Relevant surface water quality monitoring stations in the Region of Hydrologic Influence. Map ID references locations shown in Figure 23. Bolded station indicates the station used for further analysis in Section 3.6.4. Source: (USGS, 2018; National Water Quality Monitoring Council, 2018).

Map ID	Site Number	Station Name	Type of Data	Start Date	End Date	Count	Latitude	Longitude
1	02257000	FISHEATING CREEK AT LAKEPORT, FL	Site visit (nutrients and major ions)	9/25/1948	5/4/1973	81	26.96255665	-81.11784588
2	02276416	LAKE OKEECHOBEE AT PAHOKEE, FLA.	Site visit (major and minor ions, nutrients, pesticides, PCBs)	12/10/1963	11/8/1979	60	26.8253383	-80.6678352
3	02278000	WEST PALM BEACH CANAL AT S352 AT CANAL POINT FLA	Site visit (major and minor ions, pesticides, PCBs)	7/31/1940	12/11/1979	456	26.8642256	-80.631723
4	02286399	MIAMI CA ABOVE S-354 AND S-3 AT LAKE HARBOR, FLA	Site visit (major ions, nutrients)	12/21/1939	5/2/1980	56	26.69895504	-80.8067278
5	02292000	CALOOSAHATCHEE CA AT MOORE HAVEN FLA	Site visit (major and minor ions, nutrients, pesticides, PCBs, sediment, other)	9/4/1923	5/2/1980	659	26.83983056	-81.0871583
6	02292480	CALOOSAHATCHEE CANAL AT ORTONA LOCK NR LA BELLE 10B	Site visit (major and minor ions, nutrients, pesticides, PCBs, radiochemical, sediment, other)	2/22/1945	10/20/1999	1085	26.7897863	-81.3028506
7	02292700	CALOOSAHATCHEE R AT DENAUD FLA	Site visit (major and minor ions, pesticides, PCBs, stable isotopes, sediment, other)	8/9/1945	8/21/2018	78	26.74481389	-81.511775
8	02292900	CALOOSAHATCHEE RIVER AT S-79, NR.OLGA, FLA	Site visit (major and minor ions, pesticides, PCBs, sediment, other)	3/31/1953	4/23/2019	636	26.72173487	-81.69313699
			Temperature	5/1/2014	5/21/2019	5513		
			Specific conductance - Upstream	5/1/2014	5/21/2019	5512		
			Dissolved oxygen ml/L	10/5/2017	5/21/2019	1176		
			pH	11/22/2017	5/21/2019	1620		
			Dissolved organic matter fluorescence (fDOM)	4/9/2019	5/21/2019	42		
			Chlorophyll relative fluorescence (fChl)	4/9/2019	5/21/2019	126		
			Phycocyanin relative fluorescence (fPC)	10/9/2018	5/21/2019	440		
			Turbidity - Upstream	5/1/2014	5/21/2019	5427		
			Nitrate plus nitrite ml/L	12/23/2014	5/21/2019	4554		

Map ID	Site Number	Station Name	Type of Data	Start Date	End Date	Count	Latitude	Longitude
9	02293000	ORANGE RIVER NR FORT MYERS, FLA.	Site visit (major ions, nutrients)	2/3/1944	7/1/1963	68	26.6670152	-81.7320269
10	26330308 1592101	C COR QW MONTHLY 9	Site visit (major, non-metals)	11/6/1985	6/9/1987	59	26.55118765	-81.9889787
11	26390208 1520300	CALOOSAHATCHEE RIV AT MARKER 42 NR FT MYERS FL	Site visit (major and minor ions, nutrients, other)	4/22/1975	10/1/1985	57	26.65090533	-81.8673082
12	26425308 1402200	HICKEY CREEK AT SR80 NEAR ALVA FL	Site visit (major non-metals, nutrients, organics, other)	1/17/1973	9/21/1979	50	26.71506839	-81.672581
13	26433208 1373800	10B CYPRESS CREEK AT SR 78 ALVA	Site visit (major and minor ions, nutrients, other)	1/17/1973	9/20/1979	51	26.72590105	-81.6270245
14	26434608 1301700	ROBERTS CANAL 5.6 MILES SW OF LABELLE ON SD-80	Site visit (major and minor ions, nutrients, other)	4/24/1975	9/20/1979	63	26.7131232	-81.5045219



Caloosahatchee National Wildlife Refuge

Relevant Surface Water Quality Stations

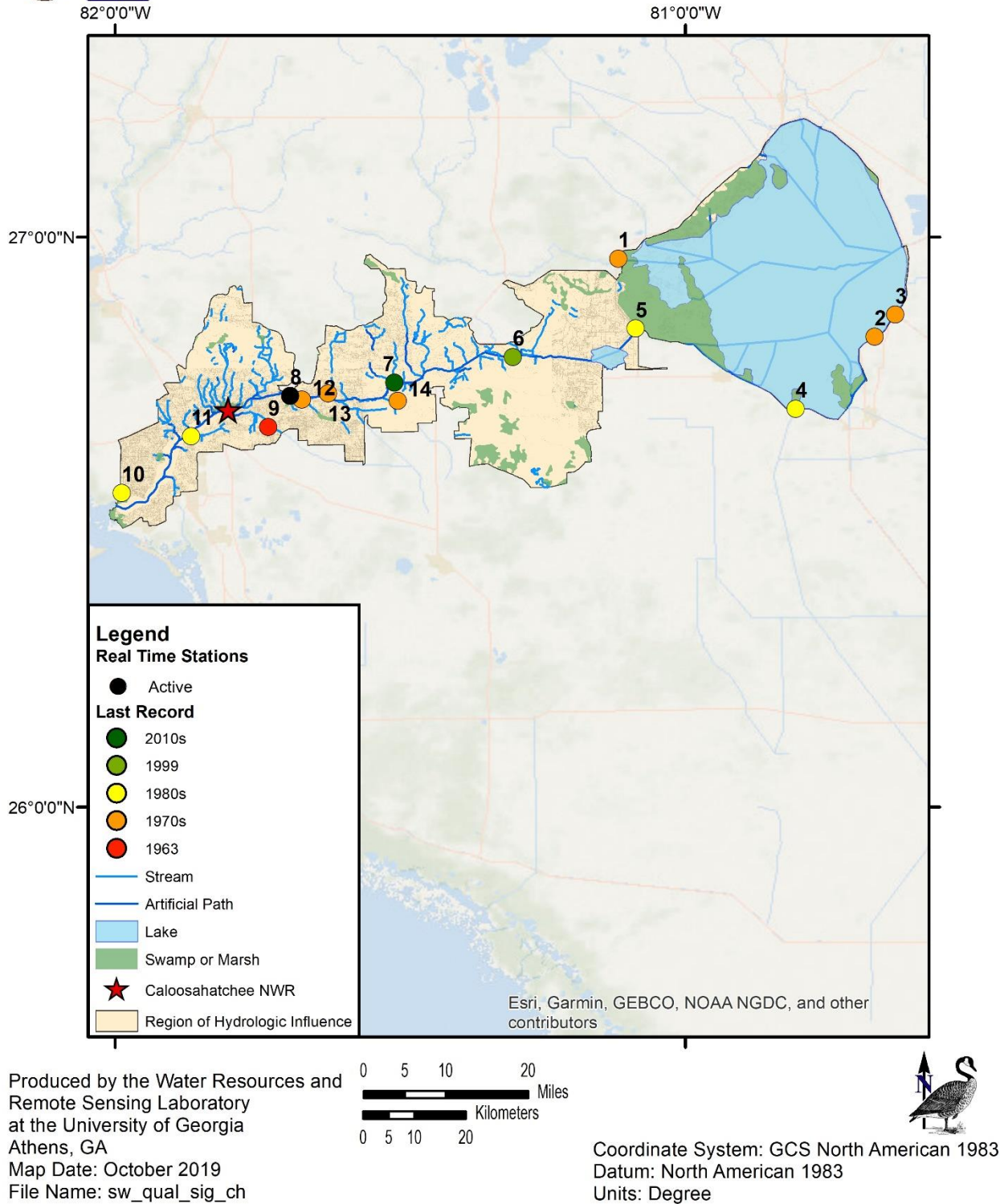


Figure 23. Relevant surface water quality stations in the Region of Hydrologic Influence. Information about numbered locations is summarized in Table 15. Source: (USGS, 2018; National Water Quality Monitoring Council, 2018)..

3.6.3.3 Groundwater Level Monitoring

There is a total of 883 groundwater level monitoring stations in the RHI. Eighteen USGS stations are within 18 miles of the refuge, have a record extending into 2019, and more than 300 observations (Table 16 and Figure 24). More information about stations measuring groundwater quantity can be found in Appendix B.

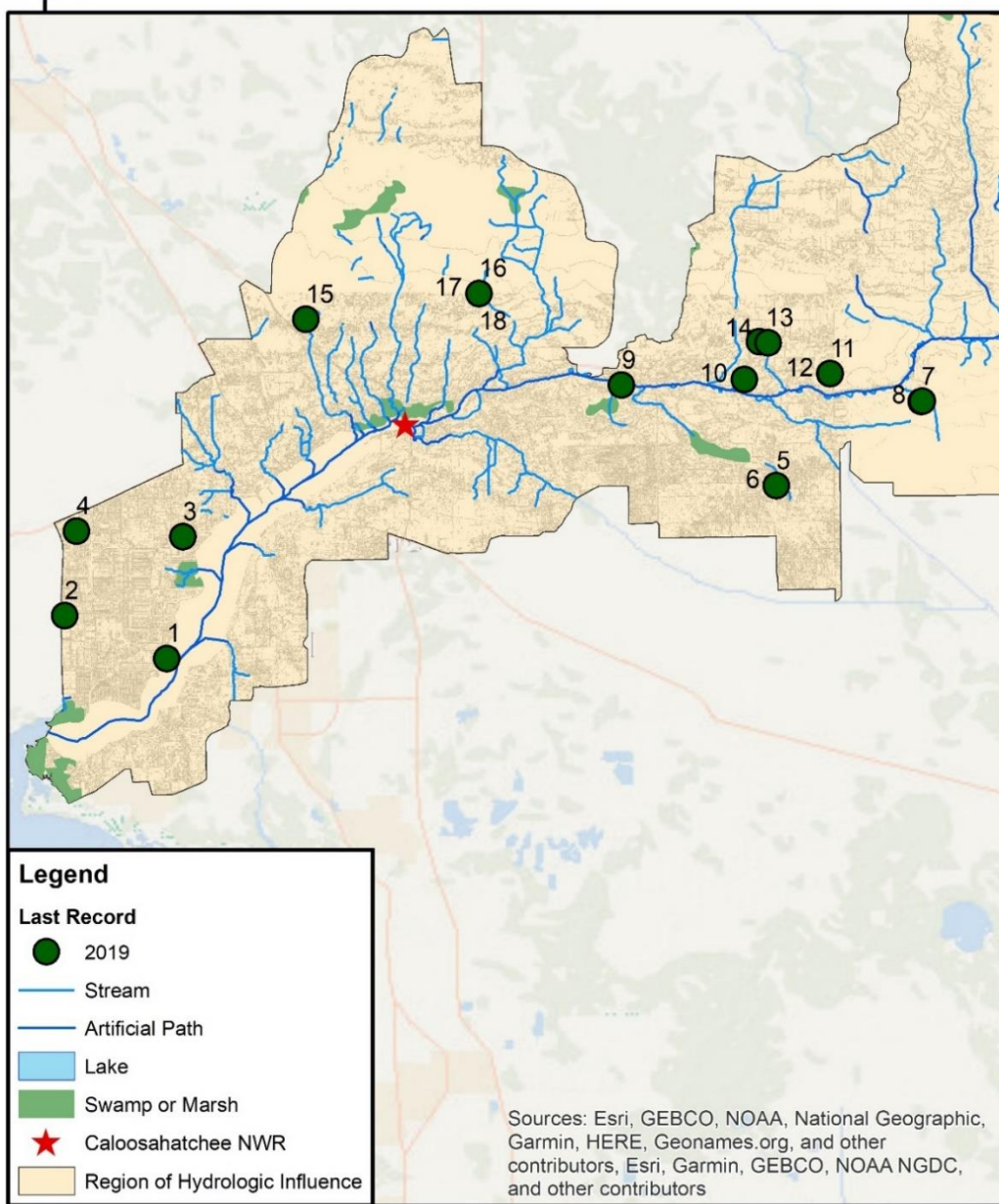
Table 16. Relevant groundwater level monitoring stations within the Region of Hydrologic Influence of Caloosahatchee National Wildlife Refuge. Stations are considered relevant if there are at least 300 measurements with the latest taken in 2019. The bolded station indicates the station used for further analysis in Section 3.6.4. Map ID references locations shown in Figure 24. Source: (USGS, 2018; National Water Quality Monitoring Council, 2018).

Map ID	Agency	Site Number	Station Name	Start Date	End Date	Count
1	USGS	263307081555901	L -2435	10/26/1977	2/14/2019	464
2	USGS	263532081592202	L -1136	7/1/1970	2/14/2019	588
3	USGS	263813081552801	L -2640	5/26/1978	2/5/2019	407
4	USGS	263819081585801	L -2701	10/12/1982	2/6/2019	431
5	USGS	263850081365401	L - 727	1/7/1976	2/12/2019	386
6	USGS	263950081355401	L -2187	10/28/1977	2/12/2019	530
7	USGS	264235081310601	HE - 557	10/30/1975	1/29/2019	365
8	USGS	264235081310602	HE - 558	10/27/1976	1/29/2019	359
9	USGS	264308081405402	L -2530	10/31/1979	2/12/2019	425
10	USGS	264320081365701	L -1977	10/28/1975	2/12/2019	444
11	USGS	264329081340401	L -2200	10/31/1975	2/12/2019	461
12	USGS	264329081340402	L -2202	10/31/1975	2/12/2019	456
13	USGS	264427081362601	L -2531	10/5/1982	2/12/2019	385
14	USGS	264433081360601	L -5708	5/16/1984	2/12/2019	311
15	USGS	264517081513201	L -2341	10/30/1978	2/14/2019	451
16	USGS	264608081454101	L -2216	10/28/1975	2/12/2019	468
17	USGS	264608081454102	L -2217	10/28/1975	2/12/2019	470
18	USGS	264608081454103	L -2328	10/29/1981	2/12/2019	417



Caloosahatchee National Wildlife Refuge Relevant Groundwater Level Stations

82°0'0"W



Produced by the Water Resources and
Remote Sensing Laboratory
at the University of Georgia
Athens, GA
Map Date: October 2019
File Name: gw_quant_sig_ch



Coordinate System: GCS North American 1983
Datum: North American 1983
Units: Degree

Figure 24. Relevant active groundwater level stations in the Region of Hydrologic Influence of Caloosahatchee National Wildlife Refuge. Stations shown have at least 300 measurements including at least one observation in 2019. Information about numbered locations is summarized in Table 16. Source: (USGS, 2018; National Water Quality Monitoring Council, 2018).

3.6.3.4 Groundwater Quality Monitoring

There is a total of 410 groundwater quality monitoring stations in the RHI of Caloosahatchee NWR. Stations presented in this section have a record of more than 20 observations and were active as recently as 2018 (Table 17 and Figure 25). More information about stations measuring groundwater quality can be found in Appendix B.

Table 17. Relevant groundwater quality monitoring stations within the Region of Hydrologic Influence of Caloosahatchee National Wildlife Refuge. Stations are considered relevant if there is a record of at least 20 observations including at least one in 2018. Map ID references locations shown in Figure 25. Source: (USGS, 2018; National Water Quality Monitoring Council, 2018).

Map ID	Site Number	Station Name	Start Date	End Date	Count	Latitude	Longitude
1	263233081550301	L -1598	10/29/1975	2/19/2010	420	26.5425	-81.9169722
2	263242081572101	L -2244	12/15/1977	2/19/2010	584	26.54563223	-81.9548112
3	263257081585701	L -2642	5/18/1978	2/19/2010	639	26.54908333	-81.9824167
4	263307081555901	L -2435	10/26/1977	2/19/2010	413	26.56896454	-81.932866
5	263323081522401	L - 742	10/24/1984	1/27/2010	177	26.55757597	-81.87314219
6	263532081592201	L - 581	4/25/1978	1/22/2010	128	26.59255556	-81.9890556
7	263532081592202	L -1136	4/9/1974	5/3/2018	454	26.59255556	-81.9890556
8	263813081552801	L -2640	5/19/1978	5/2/2018	582	26.63590617	-81.9241153
9	263819081585801	L -2701	9/6/1978	5/4/2018	468	26.6389618	-81.982589
10	263839081203901	HE -1077	1/29/1988	4/13/2010	103	26.64534757	-81.3439632
11	263840081203901	HE -1076	1/29/1988	4/13/2010	101	26.64534757	-81.3439632
12	263950081355401	L -2187	1/4/1977	2/19/2010	353	26.6639722	-81.5977778
13	263950081355402	L -1137	4/11/1974	2/22/2010	230	26.663959	-81.5977741
14	264101081443001	L - 652	4/25/1967	1/19/2010	356	26.68368119	-81.7406381
15	264235081310601	HE - 557	10/27/1976	3/29/2010	237	26.71006784	-81.5181333
16	264235081310602	HE - 558	10/27/1976	3/29/2010	161	26.7103456	-81.5175778
17	264308081405402	L -2530	6/8/1978	2/19/2010	393	26.71923493	-81.682859

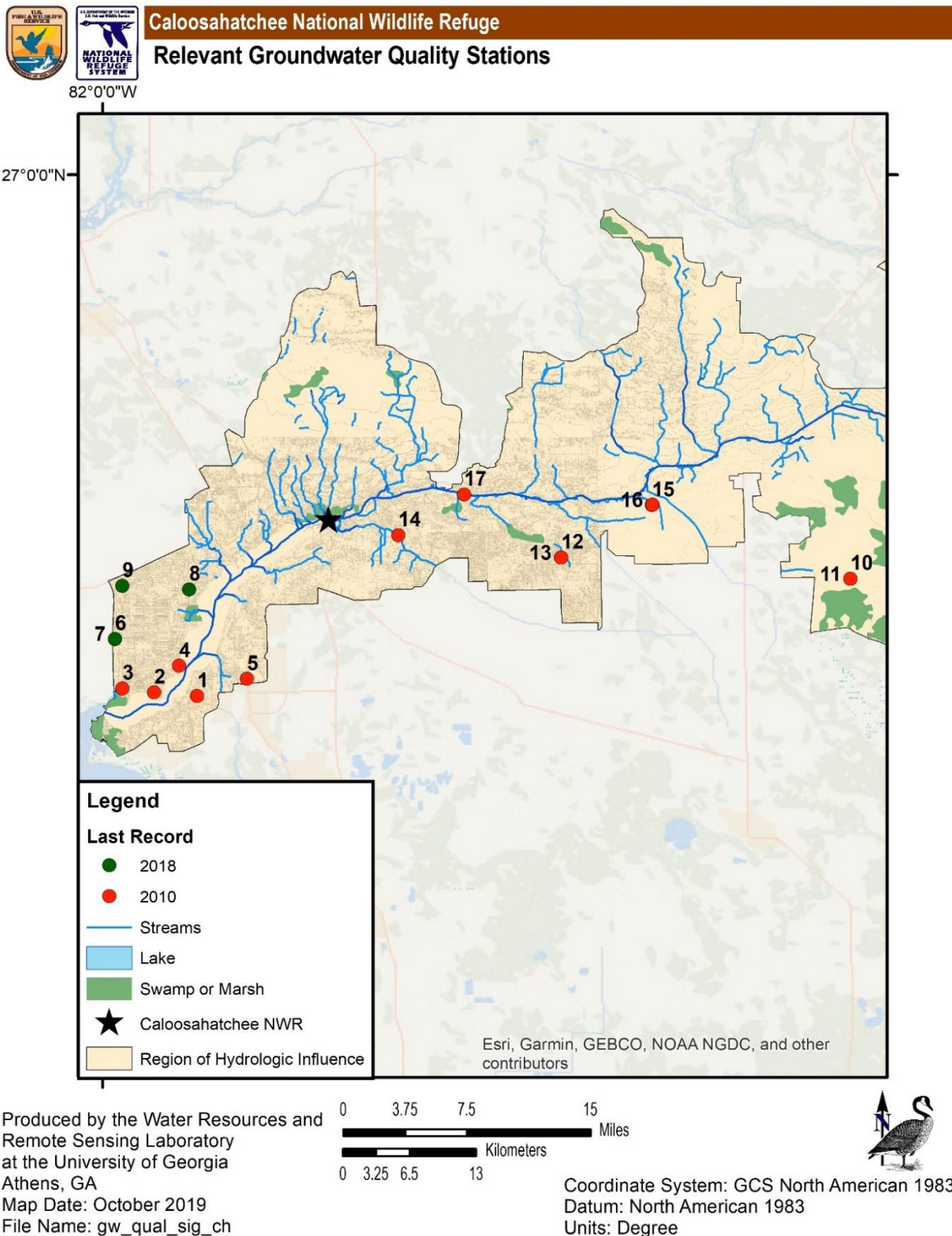


Figure 25. Relevant groundwater quality monitoring stations within the Region of Hydrologic Influence of Caloosahatchee National Wildlife Refuge. Stations are considered relevant if a measurement has been taken after 2015 and there is a record of at least 20 measurements. Map ID locations is summarized in Table 17. Source: (USGS, 2018; National Water Quality Monitoring Council, 2018).

3.6.3.5 Tidal Gauges & Storm Surges

Station 8725520, Fort Myers, Caloosahatchee River FL, has record of tides/water level from January 1st, 2001, until present. This station is operated through the National Oceanic and Atmospheric Administration (NOAA) and is located on the Caloosahatchee River approximately 6 miles downstream of the refuge. Figure 26 is a plot of the monthly mean height in feet above NAVD from NOAA.

SURGEDAT is an online data center for world storm surges and is operated through Louisiana State University and the Southern Climate Impacts Planning Program (SCIPP). The Gulf of Mexico Peak Surge Database from SURGEDAT provides the peak height and location of storm surges since 1880. Table 18 lists the historic storm surge events occurring within the RHI as well as the location where the peak was recorded.

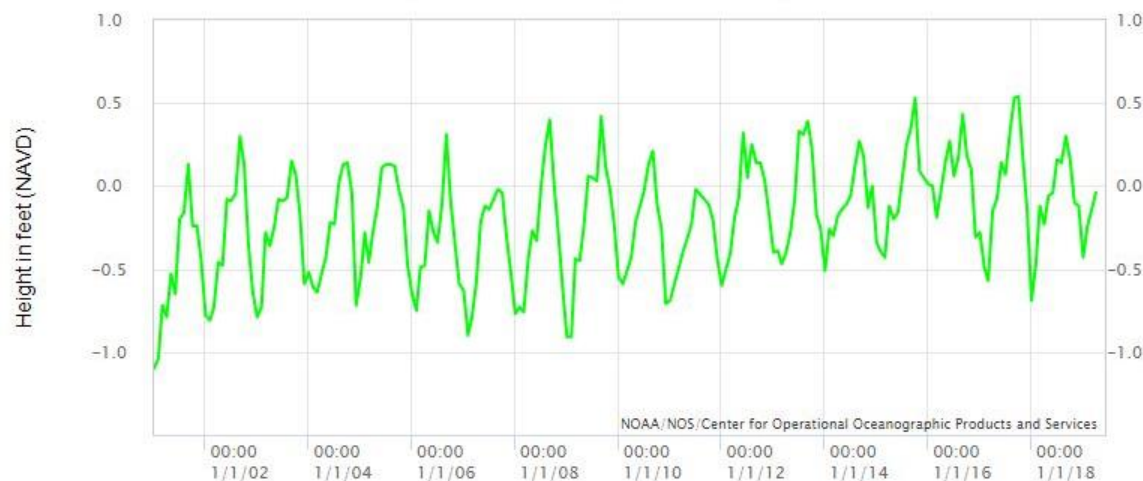


Figure 26. Mean monthly water level from 2001 to 2019 in feet above NAVD. Source: (NOAA, 2018)

Table 18. Storm surge peaks during events occurring in the Region of Hydrologic Influence. Source: (Needham & Keim, 2019)

Name	Start Date	End Date	Storm Surge Peak (ft)	Storm Tide Peak (ft)	Latitude	Longitude
"Great Miami"	1926-09-11	1926-09-22	n/a	12	26.6367	-81.8811
Ike	2008-09-01	2008-09-15	1.86	3.25	26.647	-81.872

3.6.3.6 Aquatic Habitat, Biota, and Species

The USFWS Information for Planning and Consultation database lists all endangered species and migratory birds of conservation concern believed to be present or potentially present within a specified area of interest. Table 19 lists all federally threatened or endangered species identified as being present within the RHI and/or the refuge acquisition boundary, while Table 20 does the same for migratory birds of conservation concern.

Migratory birds have varying levels of concern. Three abbreviations are used to describe these levels. The first is Birds of Conservation Concern (BCC), the second is Continental (CON), and Bird Conservation Regions (BCR). The different levels of concern are Non-BCC Vulnerable, BCC Rangewide (CON), and BCC – BCR. The Non-BCC Vulnerable indicates a species that is not a Bird of Conservation Concern (BCC) but that still needs some special attention. The BCC Rangewide (CON) means that the bird is a BCC for the whole continental United States and Alaska. Finally, the BCC – BCR level indicates a BCC only in certain Bird Conservation Regions (BCR).

Table 19. Threatened or endangered species in the Region of Hydrologic Influence of Caloosahatchee National Wildlife Refuge. (CH) indicates species that have a “Critical Habitat” identified by the USFWS. Asterisks indicate a species that is also believed to be found within the acquisition boundary. Source: (USFWS, 2011).

Group	Common Name	Scientific Name	Status
Mammals	Florida Bonneted Bats*	<i>Eumops floridanus</i> *	Endangered
Mammals	Florida Panther*	<i>Puma concolor coryi</i> *	Endangered
Mammals	Mountain Lion*	<i>Puma concolor</i> *	SAT
Mammals	Southeastern Beach Mouse	<i>Peromyscus polionotus niveiventris</i>	Threatened
Mammals	West Indian Manatee (CH)*	<i>Trichechus manatus</i> *	Threatened
Birds	Audubon's Crested Caracara*	<i>Polyborus plancas audubonii</i> *	Threatened
Birds	Everglade Snail Kite (CH)*	<i>Rostrhamus sociabilis plumbeus</i> *	Endangered
Birds	Florida Grasshopper Sparrow	<i>Ammodramus savannarum floridanus</i>	Endangered
Birds	Florida Scrub-jay*	<i>Aphelocoma coerulescens</i> *	Threatened
Birds	Ivory-billed Woodpecker*	<i>Campephilus principalis</i> *	Endangered
Birds	Kirtland's Warbler	<i>Setophaga kirtlandii</i>	Endangered
Birds	Piping Plover (CH)*	<i>Charadrius melodus</i> *	Threatened

Group	Common Name	Scientific Name	Status
Birds	Red Knot*	<i>Calidris canutus rufa</i> *	Threatened
Birds	Red-cockaded Woodpecker*	<i>Picoides borealis</i> *	Endangered
Birds	Whooping Crane	<i>Grus americana</i>	EXPN
Birds	Wood Stork*	<i>Mycteria americana</i> *	Threatened
Reptile	American Alligator*	<i>Alligator mississippiensis</i> *	SAT
Reptile	American Crocodile (CH)*	<i>Crocodylus acutus</i> *	Threatened
Reptile	Eastern Indigo Snake*	<i>Drymarchon corais couperi</i> *	Threatened
Reptile	Hawksbill Sea Turtle (CH)	<i>Eretmochelys imbricata</i>	Endangered
Reptile	Kemp's Ridley Sea Turtle (CH)*	<i>Lepidochelys kempii</i> *	Endangered
Reptile	Leatherback Sea Turtle (CH)	<i>Dermachelys coriacea</i>	Endangered
Reptile	Loggerhead Sea Turtle (CH)*	<i>Caretta caretta</i> *	Threatened
Fishes	Atlantic Sturgeon*	<i>Acipenser oxyrinchus desotoi</i> *	Threatened
Insects	Bartam's Hairstreak Butterfly (CH)	<i>Strymon acis bartrami</i>	Endangered
Insects	Florida Leafwing Butterfly (CH)	<i>Anaea troglodyta floralis</i>	Endangered
Insects	Miami Blue Butterfly*	<i>Cyclargus thomasi bethunebakeri</i> *	Endangered
Flowering Plants	Aboriginal Prickly-apple (CH)*	<i>Harrisia aboriginum</i> *	Endangered
Flowering Plants	Beach Jacquemontia	<i>Jacquemontia reclinata</i>	Endangered
Flowering Plants	Beautiful Pawpaw*	<i>Deeringothamnus pulchellus</i> *	Endangered
Flowering Plants	Carter's Mustard	<i>Warea carteri</i>	Endangered
Flowering Plants	Florida Prairie-clover	<i>Dalea carthagenensis floridana</i>	Endangered
Flowering Plants	Four-petal Pawpaw	<i>Asimina tetramera</i>	Endangered
Flowering Plants	Lakela's Mint	<i>Dicerandra immaculata</i>	Endangered
Flowering Plants	Okeechobee Gourd	<i>Cucurbita okeechobeensis</i>	Endangered
Flowering Plants	Tiny Polygala	<i>Polygala smallii</i>	Endangered
Lichens	Florida Perforate Cladonia	<i>Cladonia perforata</i>	Endangered

Table 20. Migratory birds of conservation concern occurring within the Region of Hydrologic Influence of Caloosahatchee National Wildlife Refuge. Asterisks represent a species that is also found in the acquisition boundary. Source: (USFWS, 2011).

Common Name	Scientific Name	Level of Concern	Breeding Season
American Kestrel*	<i>Falco sparverius paulus</i> *	BCC-BCR	Breeds Apr 1 to Aug 31
American Oystercatcher	<i>Haematopus palliatus</i>	BCC Rangewide (CON)	Breeds Apr 15 to Aug 31
Bachman's Sparrow	<i>Aimophila aestivalis</i>	BCC Rangewide (CON)	Breeds May 1 to Sep 30
Bald Eagle*	<i>Haliaeetus leucocephalus</i> *	Non-BCC Vulnerable	Breeds Sep 1 to Jul 31
Black Rail	<i>Laterallus jamaicensis</i>	BCC Rangewide (CON)	Breeds Mar 1 to Sep 15
Black Scoter	<i>Melanitta nigra</i>	Non-BCC Vulnerable	Breeds elsewhere
Black Skimmer	<i>Rynchops niger</i>	BCC Rangewide (CON)	Breeds May 20 to Sep 15
Black-whiskered Vireo	<i>Vireo altiloquus</i>	BCC-BCR	Breeds May 1 to Aug 15
Bonaparte's Gull	<i>Chroicocephalus philadelphia</i>	Non-BCC Vulnerable	Breeds elsewhere
Brown Pelican*	<i>Pelecanus occidentalis</i> *	Non-BCC Vulnerable	Breeds Jan 15 to Sep 30
Clapper Rail	<i>Rallus crepitans</i>	BCC-BCR	Breeds Apr 10 to Oct 31

Common Name	Scientific Name	Level of Concern	Breeding Season
Common Ground-dove*	<i>Columbina passerina exigua*</i>	BCC-BCR	Breeds Feb 1 to Dec 31
Common Loon	<i>Gavia immer</i>	Non-BCC Vulnerable	Breeds Apr 15 to Oct 31
Common Tern	<i>Sterna hirundo</i>	Non-BCC Vulnerable	Breeds May 10 to Sep 10
Double-crested Cormorant*	<i>Phalacrocorax auritus*</i>	Non-BCC Vulnerable	Breeds Apr 20 to Aug 31
Dunlin*	<i>Calidris alpina arctica*</i>	BCC-BCR	Breeds elsewhere
Great Black-backed Gull	<i>Larus marinus</i>	Non-BCC Vulnerable	Breeds Apr 15 to Aug 20
Herring Gull*	<i>Larus argentatus*</i>	Non-BCC Vulnerable	Breeds Apr 20 to Aug 31
King Rail	<i>Rallus elegans</i>	BCC Rangewide (CON)	Breeds May 1 to Sep 5
Least Tern	<i>Sterna antillarum</i>	BCC-BCR	Breeds Apr 20 to Sep 10
Lesser Yellowlegs*	<i>Tringa flavipes*</i>	BCC Rangewide (CON)	Breeds elsewhere
Limpkin*	<i>Aramus guarauna*</i>	BCC Rangewide (CON)	Breeds Jan 15 to Aug 31
Magnificent Frigatebird	<i>Fregata magnificens</i>	BCC Rangewide (CON)	Breeds Oct 1 to Apr 30
Mangrove Cuckoo	<i>Coccyzus minor</i>	BCC Rangewide (CON)	Breeds Apr 20 to Aug 20
Nelson's Sparrow	<i>Ammodramus nelsoni</i>	BCC Rangewide (CON)	Breeds elsewhere
Parasitic Jaeger	<i>Stercorarius parasiticus</i>	Non-BCC Vulnerable	Breeds elsewhere
Prairie Warbler*	<i>Dendroica discolor*</i>	BCC Rangewide (CON)	Breeds May 1 to Jul 31
Prothonotary Warbler*	<i>Protonotaria citrea*</i>	BCC Rangewide (CON)	Breeds Apr 1 to Jul 31
Red-breasted Merganser	<i>Mergus serrator</i>	Non-BCC Vulnerable	Breeds elsewhere
Red-headed Woodpecker*	<i>Melanerpes erythrocephalus*</i>	BCC Rangewide (CON)	Breeds May 10 to Sep 10
Reddish Egret*	<i>Egretta rufescens*</i>	BCC Rangewide (CON)	Breeds Mar 1 to Sep 15
Ring-billed Gull*	<i>Larus delawarensis*</i>	Non-BCC Vulnerable	Breeds elsewhere
Royal Tern	<i>Thalasseus maximus</i>	Non-BCC Vulnerable	Breeds Apr 15 to Aug 31
Ruddy Turnstone	<i>Arenaria interpres morinella</i>	BCC-BCR	Breeds elsewhere
Saltmarsh Sparrow	<i>Ammodramus caudacutus</i>	BCC Rangewide (CON)	Breeds elsewhere
Semipalmated Sandpiper	<i>Calidris pusilla</i>	BCC Rangewide (CON)	Breeds elsewhere
Short-billed Dowitcher	<i>Limnodromus griseus</i>	BCC Rangewide (CON)	Breeds elsewhere
Short-tailed Hawk*	<i>Buteo brachyurus*</i>	BCC-BCR	Breeds Mar 1 to Jun 30
Smooth-billed Ani	<i>Crotophaga ani</i>	BCC-BCR	Breeds Jan 1 to Dec 31
Sooty Tern	<i>Onychoprion fuscatus</i>	Non-BCC Vulnerable	Breeds Mar 10 to Jul 31
Surf Scooter	<i>Melanitta perspicillata</i>	Non-BCC Vulnerable	Breeds elsewhere
Swallow-tailed Kite*	<i>Elanoides forficatus*</i>	BCC Rangewide (CON)	Breeds Mar 10 to Jun 30
Willet*	<i>Tringa semipalmata*</i>	BCC Rangewide (CON)	Breeds Apr 20 to Aug 5
Wilson's Plover*	<i>Charadrius wilsonia*</i>	BCC Rangewide (CON)	Breeds Apr 1 to Aug 20
Yellow Warbler*	<i>Dendroica petechia gundlachi*</i>	BCC-BCR	Breeds May 20 to Aug 10

3.6.4 Water Quantity and Timing

This section discusses data from a streamgage and a well that were discussed in section 3.6.3.1 and section 3.6.3.3, respectively, to provide insight into overall hydrologic patterns. USGS Site 02292900 is located near the W.P. Franklin Lock and Dam, approximately 9 miles upstream of the refuge on the Caloosahatchee River. From 1996 to 2018, the average monthly discharge is

1,775 cubic feet per second (cfs), while the average annual discharge is 1,810 cfs (Figure 27 and Figure 28). The maximum annual discharge is 4,669 in 1995, while the maximum monthly discharge is 10,750 cfs. The minimum annual discharge is 130.8 in 2007, while the minimum monthly discharge can reach 0 cfs. Flow rates and water levels are a direct result of Lake Okeechobee management. The Hoover Dike is failing and as such, the ACOE/SFWMD manage water levels to prevent the water in the Lake from breaching the Dike. So, during rainy season, we see high flow releases. During dry season, water is held in the Lake to provide water for the permitted users such as for agriculture. Groundwater levels at USGS Site 264308081405402 from 1979 to 2019 have stayed fairly consistent with an average level of 47.54 feet below land surface (Figure 29).

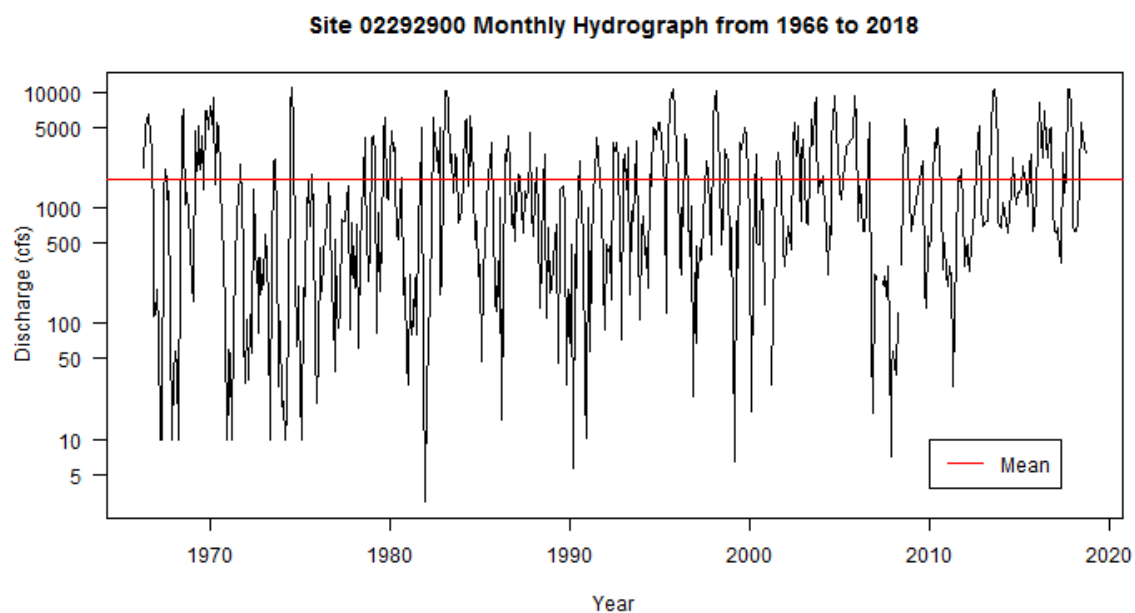


Figure 27. Monthly hydrograph from USGS Site 02292900 from 1966 to 2018. This station is Map ID 5 in Table 14 and Figure 22. Source: (USGS, 2018; National Water Quality Monitoring Council, 2018).

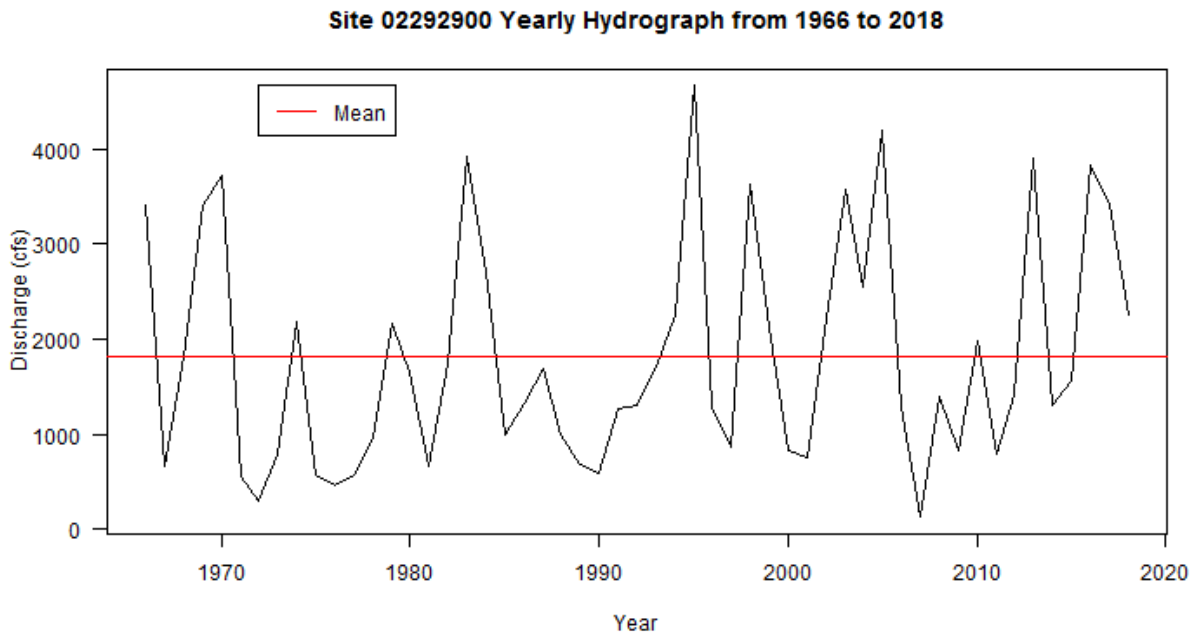


Figure 28. Yearly hydrograph from USGS Site 02292900 from 1966 to 2018. This station is Map ID 5 in Table 14 and Figure 22. Source: (USGS, 2018; National Water Quality Monitoring Council, 2018).

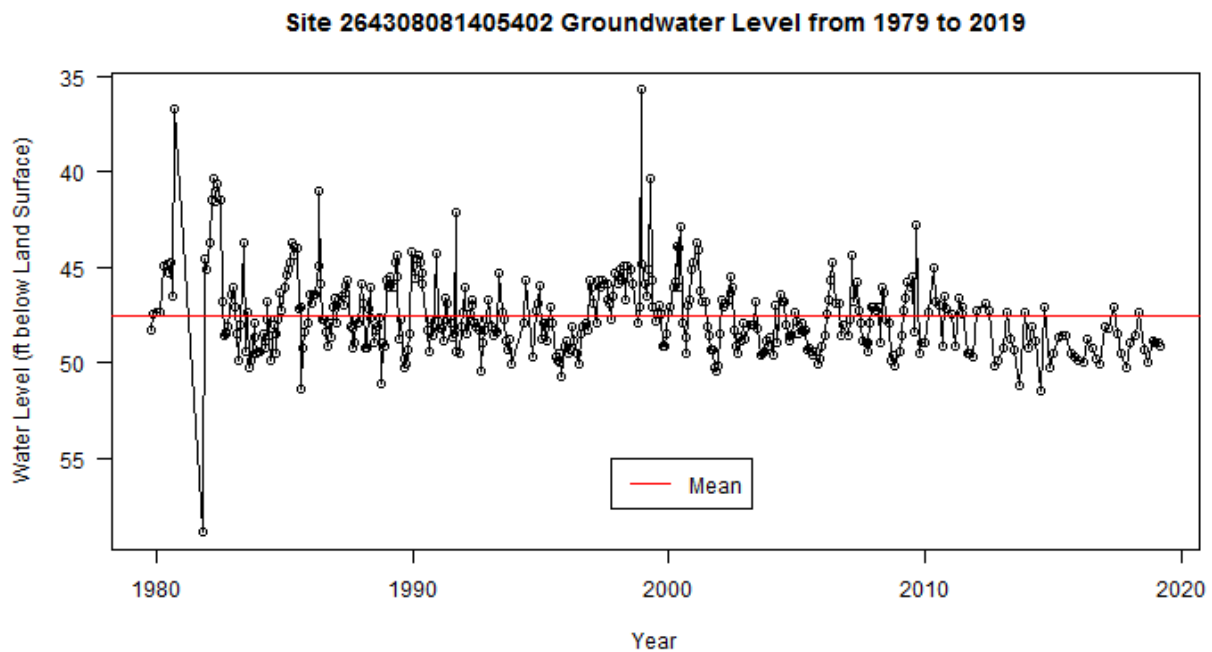


Figure 29. Groundwater levels at USGS Site 264308081405402 from 1979 to 2019. This station is Map ID 9 in Table 16 and Figure 24. Source: (USGS, 2018).

3.6.5 Federal and State Water Quality Regulations

The Environmental Protection Agency (EPA) is responsible for establishing and maintaining water quality regulations in the nation. The EPA monitors the enforcement of national environmental policies such as the Clean Water Act (CWA) and the Safe Drinking Water Act (SDWA). In most cases, the EPA delegates oversight and enforcement of these policies to state agencies. In Florida, the Florida Department of Environmental Protection (FDEP) is the primary agency in charge of managing the state's natural resources and enforcing environmental laws (Thom et al., 2015). Within the FDEP, the Division of Environmental Assessment and Restoration (DEAR) maintains water resources and implements strategies to address current and future needs (U.S. Environmental Protection Agency [EPA], 2017). Florida water quality standards are based on *40 CFR 131* of the federal Clean Water Act. Surface water quality standards are published in *62-302* and *62-302.530* of the Florida Administrative Code (F.A.C.) and include site-specific criteria, an anti-degradation policy, and protection of Outstanding Florida Waters.

3.6.5.1 Water Quality Standards

The FDEP maintains water quality standards and is responsible for implementing environmental protection laws (U.S. Environmental Protection Agency [EPA], 2017). Within FDEP, the DEAR monitors Florida's surface water and groundwater quality, verifies and prioritizes pollution problems, develops strategies to resolve problems, and implements strategies through comprehensive restoration actions in partnership with local stakeholders (U.S. Environmental Protection Agency [EPA], 2017).

3.6.5.2 Groundwater Regulations

Groundwater is regulated at both the federal and state levels. The SDWA, nationally

regulated through the EPA, is responsible for groundwater protection. The SDWA intends to protect the quality of groundwater serving as a source for municipal water supply wells by establishing maximum allowable contaminant level standards for drinking water. The FDEP administers the Underground Injection Control, Wellhead Protection, and Source Water Protection Programs (established in the SDWA) through their Aquifer Protection Program (Thom et al., 2015). Additionally, the FDEP operates a Ground Water Management Program to evaluate and address groundwater resources that negatively impact surface water quality. The Watershed Restoration Program conducts groundwater-surface water interaction assessments, restores springs, and implements management practices to reduce agrichemical effects on water quality. Rules related to Florida groundwater quality include Groundwater Classes, Standards and Exemptions, Wellhead Protection, and Underground Injection Control.

3.6.6 Impaired Water, TMDLs, and NPDES Permits

3.6.6.1 Impaired Water and TMDLs

Under 303(d) of the Clean Water Act, states are required to compile a list of impaired waters and submit that list to EPA for approval. Impaired waters are those which do not meet state water quality standards for water resource pollutant concentrations, determined based on designated use(s) for each waterbody. The list of impaired waters is also required by the Florida Watershed Restoration Act (*FWRA; Subsection 403.067[4] Florida Statutes [F.S.]*). High-priority impairments are then scheduled for development of a Total Maximum Daily Load (TMDL), which provides a plan that can be implemented to restore the designated use of the water.

Every two years under the CWA *Section 303(d)*, it is required that surface water conditions are reported to the EPA. Data reported to the EPA is put into the Assessment, TMDL, Tracking and Implementation System (ATTAINS) for access to the Nation's surface waters. The Regional

Program within the EPA considers Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and 6 tribes as Region 4: The Southeast (U.S. Environmental Protection Agency [EPA], 2017). This program reviews the states 303(d) lists, and approves or disapproves any state-submitted TMDLs. The program will sometimes create TMDLs for impaired waters, and the state will post the proposed document, the final TMDL, and the notice.

Florida Statutes state that FDEP may develop a basin management plan (BMAP) for the watersheds and basins that contribute to a TMDL waterbody (*Florida Statutes 403.067(6) and (7)*). The BMAP implements load reductions to achieve TMDLs and reduce pollution to Florida's waters (*FDEP 2012c*). *Section 403.067(7)(b)2(g)* of Florida law requires agricultural producers in basins with TMDLs to implement a BMAP plan or conduct water quality monitoring to show that discharges meet state water quality standards (Thom et al., 2015). Within the RHI of Caloosahatchee NWR, there are 21 segments of waterbodies listed as impaired (Table 21). In the RHI, there is approximately 144 mi of impaired waters and 400 square mi of impaired waterbodies. Most of the area of impaired waterbodies is Lake Okeechobee, and the most common impairments are mercury in fish tissue, ammonia, and dissolved oxygen. Figure 30 shows the major NPDES facilities and some of the impaired waters listed below.

Table 21. Impaired waters in the Region of Hydrologic Influence of Caloosahatchee National Wildlife Refuge. Source: (EPA, 2015).

ID	Waterbody Name	Reason for Impairment	Most Recent Year	Other Years Available
FL-3212B	Lake Okeechobee	Mercury in fish tissue, trophic state index (TSI), turbidity	2012	2010, 2002, 1998
FL-3212D	Lake Okeechobee	Iron, ammonia (un-ionized), dissolved oxygen, mercury in fish tissue, trophic state index, turbidity, pH	2012	2010, 2002, 1998
FL-3212E	Lake Okeechobee	Iron, alkalinity (carbonate as CaCO ₃), mercury in fish tissue, trophic state index (TSI), turbidity	2012	2010, 2002, 1998
FL-3212G	Lake Okeechobee	Ammonia, mercury in fish tissue, trophic state index, turbidity	2012	2010, 2002, 1998

ID	Waterbody Name	Reason for Impairment	Most Recent Year	Other Years Available
FL-3237A	East Caloosahatchee	Biochemical oxygen demand, dissolved oxygen	2012	2010, 2002, 1998
FL-3237D	Ninemile Canal	Ammonia, dissolved oxygen, nutrients	2014	2010, 2002, 1998
FL-3238	West Palm Beach Canal	Ammonia, Chlorophyll-A, dissolved oxygen, fecal coliform, turbidity	2012	2010, 2002, 1998
FL-3240E	Yellow Fever Cr.	Dissolved oxygen, fecal coliform, mercury in fish tissue	2012	2010, 2002, 1998
FL-3240G	Trout Creek	Biochemical oxygen demand, coliforms, dissolved oxygen	2012	2010, 2002, 1998
FL-3251	S-3	Dissolved oxygen	2012	2010, 2002, 1998, 1996
FL-3233	L-8	Chlorophyll-A, dissolved oxygen, mercury in fish tissue, turbidity	2012	2010, 2002, 1998, 1996
FL-3237C	Lake Hicpochee	Ammonia, dissolved oxygen, nutrients	2014	2010, 2002, 1998
FL-3258G	Tenmile Canal	Dissolved oxygen	2012	2010, 2002
FL-3205	Taylor Creek	Chlorophyll-A, dissolved oxygen, fecal coliform	2012	2010, 2002
FL-3240F	Daughtrey Creek	Dissolved oxygen, fecal coliform	2012	2010, 2002
FL-3240J	Billy Creek	Ammonia, dissolved oxygen, nutrients	2014	2010, 2002, 1998
FL-3240I	Manuel Branch	Dissolved oxygen, fecal coliform, mercury in fish tissue	2012	2010, 2002
FL-3209	Kissimmee River	Benthic macroinvertebrates bioassessments, dissolved oxygen, mercury in fish tissue	2012	2010, 2002, 1998
FL-3253	South Bay	Biochemical oxygen demand	2012	2010, 2002, 1998
FL-3203A	Nubbin Slough	Ammonia, dissolved oxygen, nutrients	2014	2010, 2002, 1998
FL-3206	Indian Prairie Canal	Chlorophyll-A, dissolved oxygen	2012	2010, 2002

3.6.6.2 NPDES Permits

The National Pollutant Discharge Elimination System (NPDES) is a permit program authorized by the Clean Water Act which regulates point sources of pollutants. NPDES permits are required to operate domestic or industrial wastewater facilities and associated activities. In Florida, NPDES permits are handled through the FDEP. Table 22 lists the NPDES permits listed as “Major” within the RHI of Caloosahatchee NWR. A list of all NPDES facilities can be found in Appendix C.

Table 22. Facilities with National Pollutant Discharge Elimination System permits listed as "Major." Source: (EPA, 2016)

Registry ID	Name	City	Latitude	Longitude
110000511704	<u>FIESTA VILLAGE WASTEWATER TREATMENT PLANT</u>	FORT MYERS	26.541007	-81.904178
110000916064	<u>CAPE CORAL, CITY OF - EVEREST WRF</u>	CAPE CORAL	26.60652	-81.93609
110000521338	<u>SOUTH ADVANCED WASTEWATER TREATMENT FACILITY</u>	FORT MYERS	26.59023	-81.8793
110011333994	<u>LEE COUNTY - MS4</u>	FORT MYERS	26.623151	-81.882909
110006377928	<u>FLORIDA CITIES WATER WATERWAY EST</u>	FORT MYERS	26.638556	-81.909111
110020172908	<u>CENTRAL ADVANCED WASTEWATER TREATMENT FACILITY</u>	FORT MYERS	26.652	-81.848694
110000365248	<u>FPL FORT MYERS</u>	FORT MYERS	26.6967	-81.7831



Caloosahatchee National Wildlife Refuge

Major NPDES Permit Facilities and Selected Impaired Waters

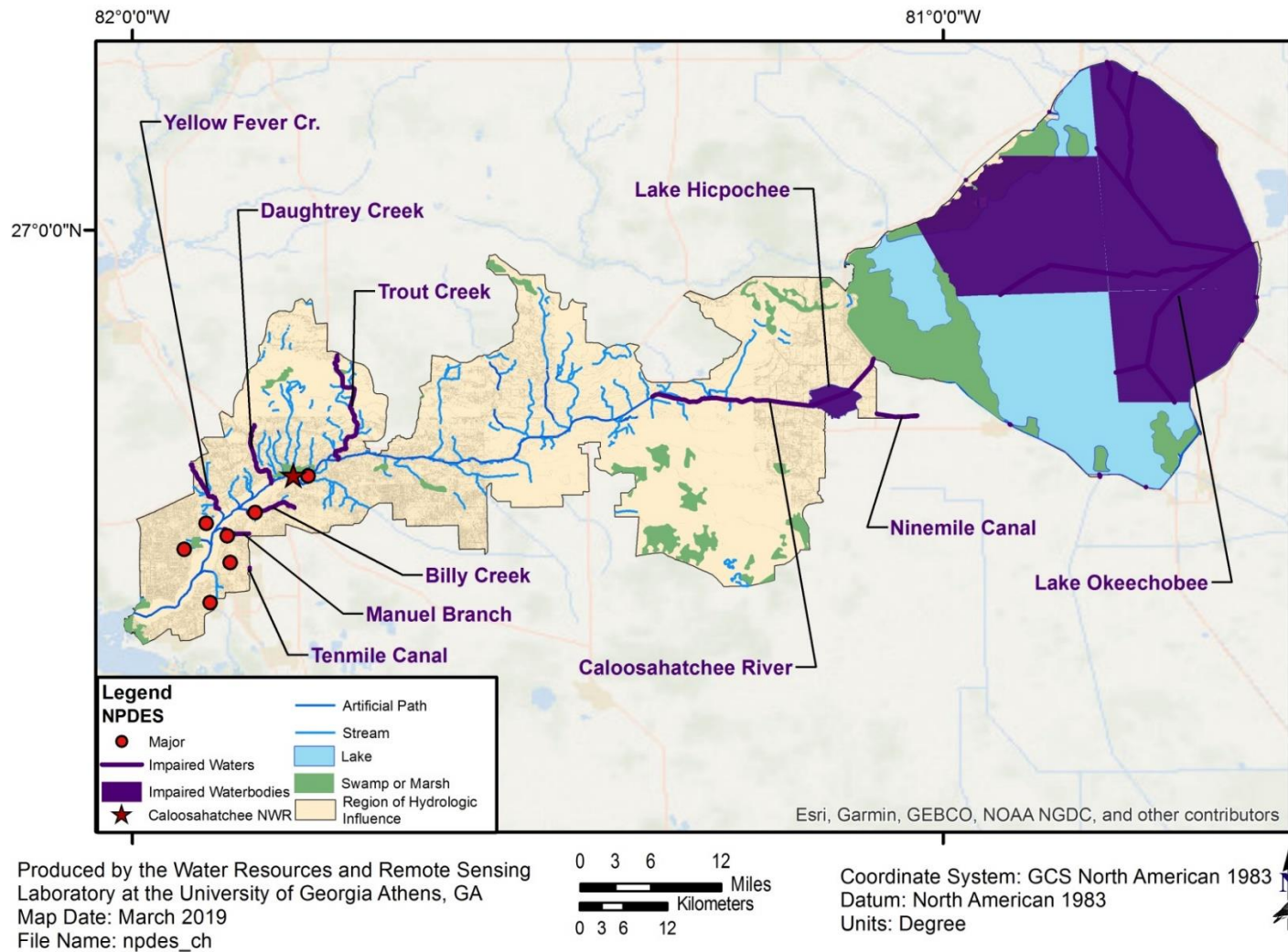


Figure 30. Major NPDES permit facilities and selected impaired waters in the Region of Hydrologic Influence. Source: (EPA, 2015, 2016).

3.6.7 Water Laws/Water Rights

This section discusses federal and state water laws, drawing heavily from the Florida Water Resources Act of 1972 and a recent WRIA report for the Lower Suwannee National Wildlife Refuge (Thom et al., 2015).

3.6.7.1 State Water Law Overview

The Florida Water Resources Act of 1972 established a regional water management system with five water management districts (*Chapter: 40B-4 F.A.C.*). These districts are based on hydrologic boundaries and watersheds, rather than political entities. The water management districts are controlled by a governor appointed by the board and overseen by the State Legislature (373.073). Because the board directs water policy only for their district, water laws and regulations vary between districts (Christaldi, 1996).

Florida, while endowed with an abundance of freshwater resources and rainfall, faces challenges in managing and preserving the quality of these resources. Population growth, agricultural production, and commercial and residential development all require water use. Thus many of its regulations deal with draining and managing excess surface water. The FDEP has created a state water use plan to implement policies related to water supply, water quality, flood protection, and regional supply plans. This plan addresses issues, such as limiting flood hazards, restricting runoff-related water pollution, preserving fish and wildlife, and preventing excessive drainage or alteration of drainage areas (*Chapter 40B-4 F.A.C.*).

Public Trust Doctrine

Florida follows the English common law doctrine for navigable waters, in which a sovereign owns beds of navigable and tidal waters as a “trustee to the people” (Baumann, Lewis,

& Walker, 2014). The public trust doctrine entitles all submerged lands to Trustees of the Internal Improvement Trust Fund, composed of the governor and cabinet (*Florida Statutes 253.12*). The state owns submerged lands, including beds of tidal waters below the mean high water line (MHWL) and non-tidal navigable waters below the ordinary high water line (OHWL). Navigable streams are open to the public even if part of the stream is on private property (Thom et al., 2015). As long as the person remains afloat and does not access riparian land without permission, they have a right to be anywhere on the stream. Within the Caloosahatchee NWR, the Caloosahatchee River is classified as a navigable waterbody under the Florida Constitution and Statutes.

A sovereignty submerged land easement is required for “public or private management activities, which include permanent preemption by structures or exclusion of the general public, associated with protection of threatened, endangered and special concern species, rookeries, artificial or natural reefs, parks, preserves, historical sites, scientific study activities, or habitat restoration or enhancement areas” (*F.S. Chapter 18-21*). Applications for use of these lands are submitted to the FDEP or South Florida Water Management District.

Riparian Water Rights

Riparian water rights in Florida refer to rights to natural, navigable bodies of water and are divided into general and special rights. General rights (navigation, commerce, fishing, bathing, and boating) refer to rights shared by the public, while special rights apply only to the landowner upland and adjacent to the riparian water body. Special rights include ownership of the property, the right to an unobstructed view of the waters, and the right to access waters from the riparian land (Baumann et al., 2014). A riparian landowner has special rights landward of the OHWM on navigable waters, while the state owns the land waterward of the OHWM. A landowner must purchase riparian property in order to acquire special rights.

Water Withdrawals

The South Florida Water Management District issues two types of consumptive water use permits: Standard General Permits and Individual Permits. General permits can be further subdivided into general permits by rule (don't require a permit application) and noticed general permits (require a permit application). Projects may qualify for a Noticed General Permit if they meet the following criteria (SFWMD, n.d.): The cumulative average daily water use is less than 100,000 gallons per day (GPD) on an annual basis; or has an annual average allocation less than 300,000 GPD for irrigation purposes within the South Dade County Water Use Basin; or has an annual average allocation less than 10,000 GPD within the Lower Tamiami, Sandstone and Mid-Hawthorn.

Permit applications are submitted to the South Florida Water Management District online or in a written form. The SFWMD has 30 days to review the application and ask for additional information. Projects that exceed general water use permit daily rates and do not qualify for a Noticed General Permits include irrigation of a golf course, water for livestock, withdrawal of water for industrial or public water supply, and use of reclaimed water that is stored in an unlined lake. These projects may qualify for an Individual Permit.

3.6.7.2 Aspects of State Water Law that May Affect the Refuge

According to Section 373.223 of Florida Statutes, applicants must meet the following conditions in order to receive a consumptive use permit (Thom et al., 2015):

1. the proposed use is a reasonable beneficial use
2. the use will not interfere with existing legal users of water, and
3. the proposed use is consistent with the "public interest"

However, the “public interest” test is not clearly defined by Florida’s state legislature or water management districts, creating uncertainty around which applicants meet the public interest criteria.

Florida law requires the district Governing Board or FDEP to establish minimum flows and levels (MFLs) for all surface watercourses, waterbodies, and aquifers, identifying “the limit at which further withdrawals would be significantly harmful to the water resources or ecology of the area” (*F.S. Chapter 373.042*). Because “significant harm” is poorly defined, interpretation of what constitutes a “significant” amount of harm is left to individual water management districts.

The Florida Water Resource Act of 1972 established a regional water management system with five water management districts. A government appointed board manages water resource policy for their district, so rights and regulations vary between districts (Christaldi, 1996). MFLs have been established to protect “nonconsumptive” water uses, such as navigation, recreation, fish and wildlife habitat, and other natural resources. However, because many MFLs have not yet been established, coordination between adjacent districts and the state of Georgia is very important. In June 2013, the Florida Legislature passed Senate Bill 244 to facilitate more effective regional water supply planning and better manage MFLs that cross water management districts (*SRWMD 2013e; Florida Senate 2013*).

3.7 Assessment

3.7.1 Threats

For Caloosahatchee National Wildlife Refuge, there are nine water resource threats identified. Most of these threats are a result of Lake Okeechobee water management and include altered flow regimes, ecologically harmful salinities, harmful algal blooms, loss and alteration of estuarine habitat, and low dissolved oxygen levels. The Refuge is located within the

Caloosahatchee River. The timing and quantity of freshwater flows within the river have been altered from historical levels. As a result, the Caloosahatchee River receives too much water during the wet season and too little water during the dry season. Lake Okeechobee regulatory releases significantly high flows during the wet season which reduces salinity in the river and estuary. During high releases, large amounts of silt and sediment are also carried down into the Caloosahatchee River from Lake Okeechobee resulting in high turbidities. These high turbidities result in reduced water clarity for several weeks. State mandated minimum flows and levels (MFL) are not met during the dry season during most years. This results in algal blooms that reduce seagrass cover and biomass and causes low dissolved oxygen levels once the large algal mats decompose and form large dead zones in the river and estuary. Low freshwater flows increase salinity levels in the Caloosahatchee River and estuary. Salinity fluctuations cause stress to organisms that cannot tolerate the extreme low or high salinity levels (oysters, seagrasses, etc.). The refuge would prefer flows between 650 and 1000 cubic feet per a second to control harmful algal blooms and promote seagrass and oyster growth.

Other identified threats include contamination from mercury, pesticides and heavy metals and climate warming. Low levels of mercury have been found in both fish and wildlife on the Refuge and in South Florida. Agricultural runoff from Lake Okeechobee potentially carries pesticides and heavy metals. Additionally, temperatures have increased ~2 °F over the past 100 years, which could have a significant impact on the health of the estuary and may have the potential to increase the duration and size of Harmful Algal Blooms in the estuary. More information about the threats facing Caloosahatchee NWR can be found in Appendix D.

3.7.2 Needs

There are eight recommendations for Caloosahatchee NWR to address the threats above.

All the threats facing Caloosahatchee NWR are outside of USFWS control. For the Refuge to address these threats, they need to have a voice in the regional decision-making process that is working to improve flows and water quality in the Caloosahatchee River and Estuary. Thus, there is a need for the Refuge to build partnerships and participate in regional advisory boards. In addition, the Refuge needs to monitor key resources and synthesize information so they can better understand and communicate the impacts of current flows and water quality on Refuge habitats and species. The remaining recommendations include increasing refuge staff/funding, a climate vulnerability assessment, and finalizing refuge and acquisition boundaries. More information about the recommendations for Caloosahatchee NWR can be found in Appendix E.

CHAPTER FOUR

TEMPERATURE, PRECIPITATION, AND HYDROLOGY

This chapter presents an analysis of temperature and precipitation trends in Florida as well as a preliminary hydrologic model in an attempt to represent the importance of hydrologic data and the WRIA process when understanding the water resource in and around National Wildlife Refuges.

Initially, the sites of interest for the analysis were the two National Wildlife Refuge complexes in Florida, J.N. Ding Darling and Merritt Island. Due to the absence of climate stations near the refuges, and a lack of historic temperature and precipitation data, eleven climate stations around the state of Florida were used for the analysis instead. Similarly, the hydrologic model in the second section of this chapter was intended to accurately model the Caloosahatchee River Basin. This watershed is in a highly developed area near Fort Meyers, Florida, and the river itself is highly developed with canals and dams all along the waterway.

The flow of the Caloosahatchee River is controlled by the releases from Lake Okeechobee. The original goal to accurately simulate the watershed was unachievable due to the amount of anthropogenic influence on the river and surrounding area and unavailability of streamflow information. Instead, the creation of a preliminary hydrologic model of the Caloosahatchee River Basin is presented using inputs from the WRIA.

Temperature and Precipitation

J.N. Ding Darling and Merritt Island refuge complexes are on the Gulf Coast and Atlantic Coast of Florida, respectively. The United States Historical Climatology Network (USHCN) has

stations across the US that record daily climate information, although only historical temperature and precipitation were used in this analysis. According to their respective WRIAs, both refuge complexes have at least one refuge that has a climate station within the acquisition boundary (Figure 31). Although these stations would be ideal to use, they have not recorded data within the last thirty years, have less than fifty years of record, and are not used by the refuges. Because of these limitations, a climate analysis around the refuge complexes was not appropriate. Instead, climate stations were chosen all over Florida. Stations with recent data, including a record in 2020, lie within ten miles of a refuge boundary within the complex (Figure 31). The stations used for the analysis in this section have recorded temperature and precipitation data since the late 1890s or early 1900s and have a temperature or precipitation record of over 100 years with data (Table 23).

Table 23. HCN stations used for analysis. Map ID corresponds to the labels in Figure 31.

Map ID	Station Number	Years with Data	Start Date	End Date	Latitude	Longitude
1	USH00080228	105	1899-11-01	2020-06-15	27.2181	-81.8739
2	USH00084289	100	1899-02-01	2020-06-14	28.8031	-82.3125
3	USH00087851	121	1895-03-01	2020-05-31	28.3378	-82.2600
4	USH00082944	110	1892-01-01	2020-06-14	30.6589	-81.4636
5	USH00083186	110	1892-01-01	2020-06-14	26.5850	-81.8614
6	USH00086414	117	1892-01-01	2020-06-14	29.0803	-82.0778
7	USH00080478	123	1892-01-01	2020-06-02	27.8986	-81.8433
8	USH00082915	112	1892-01-01	2020-01-23	29.7550	-81.5389
9	USH00084731	127	1892-00-01	2020-06-15	30.1853	-82.5942
10	USH00088942	107	1901-01-19	2020-06-15	28.6242	-80.8158
11	USH00083207	116	1901-01-01	2020-06-15	27.4622	-80.3539

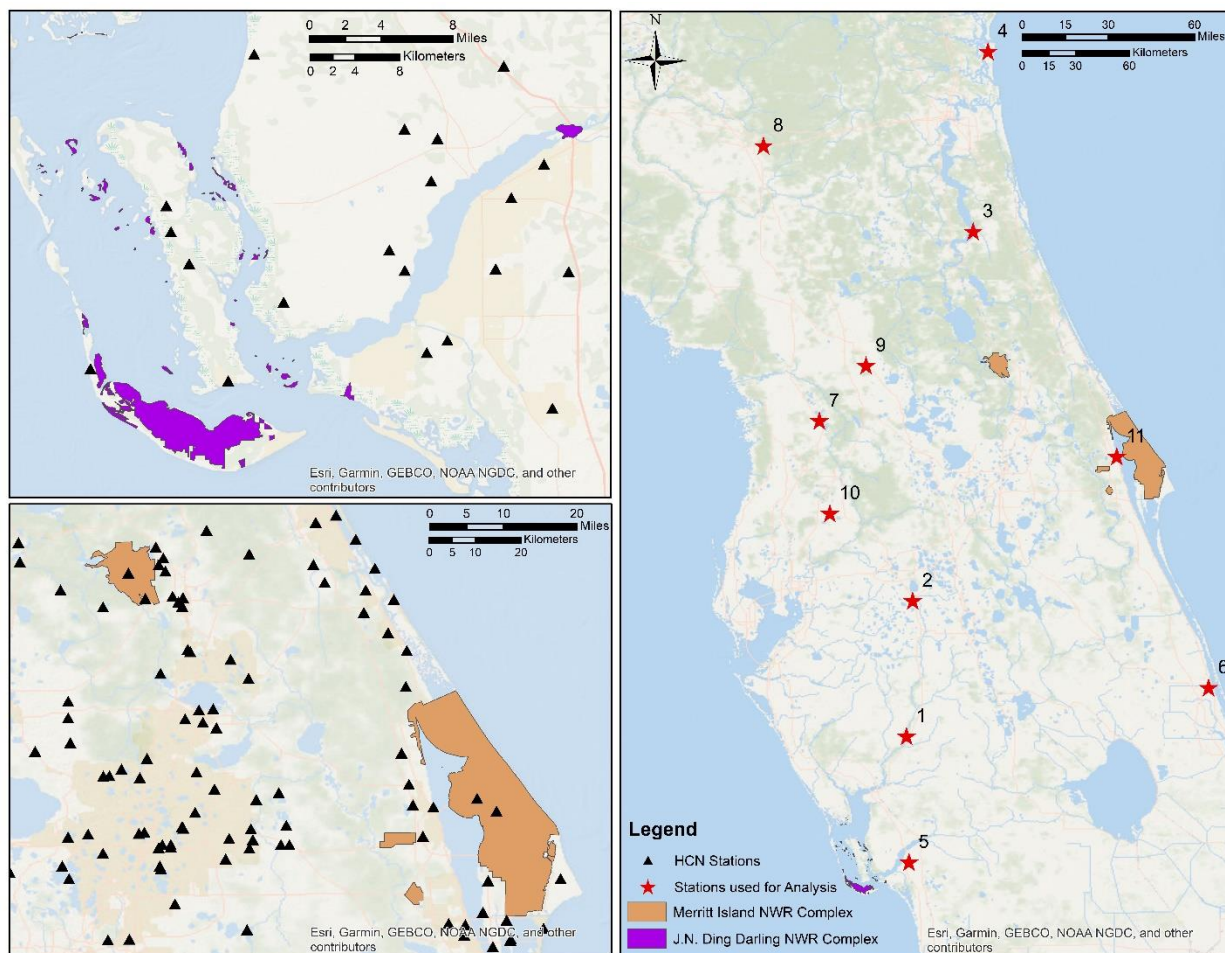


Figure 31. All HCN stations near J.N. Ding Darling and Merritt Island NWR Complexes and chosen HCN stations in Florida. Map labels correspond to Map ID column in Table 23.

Daily temperature and precipitation data were pulled from the Applied Climate Information System (ACIS). The daily data was transformed into average yearly data, and an overall average was determined for the stations recorded period. The average annual and monthly temperature and precipitation was plotted individually with an overall average and trend line. A loess smooth line was used to show the visual trend of the plotted data and was added to the plots using the year as the x, the average precipitation or temperature as the y, and the default span interval.

Because this local regression does not provide a mathematical equation to support the strength of a trend, additionally, a Mann-Kendall test was run on the average annual temperature

and precipitation to obtain the correlation coefficient tau and a p-value. The coefficient tau falls between 1.0 and -1.0 and statistically assesses if there is an upward or downward trend. The plotting process was done for the selected climate stations near the refuge complexes and is compared using the loess smooth line plots, the Mann Kendall trend test, tau, and the respective p-values in the following section. For simplification, the climate stations in this section are addressed and discussed using their respective Map IDs from Table 23.

Station 11 is the closest to the Merritt Island complex, while Station 5 is closest to J.N. Ding Darling complex (Figure 31). These climate stations were used in their respective WRIA reports, and were therefore used in this analysis to represent the climate near the refuges. Stations 1, 3, 4, 7, and 8 are located near agriculture or forested areas, and are the farthest from developed, urban areas. Stations 2, 5, 6, and 9 through 11 are located near larger Florida cities such as Fort Meyers, Jacksonville, and Tampa.

The average annual temperatures from the chosen stations ranged from 68.90 to 74.36 °F. Station 5 had the highest average, median, maximum, and minimum annual temperature, while Station 9 had the lowest (Table 24). Stations 1, 2, 4, 9, and 11 showed no overall trend, whereas Stations 3, 5 through 8, and 10 showed an increasing trend from the loess smooth lines. Average annual and monthly temperature and precipitation plots are shown at the end of this section (Figure 32 through Figure 42). The monthly boxplots for each station reflected seasonal changes, having the highest temperatures May through October, and the coolest temperatures November through April.

Table 24. Temperature overview and results of the Mann-Kendall test for selected HCN stations.

Map ID	Station Number	Average Annual Temperature (°F)	Median Average Temperature (°F)	Tau	p-value
1	USH00080228	72.67	72.82	-0.0872	0.186
2	USH00084289	70.81	70.75	-0.046	0.526

Map ID	Station Number	Average Annual Temperature (°F)	Median Average Temperature (°F)	Tau	p-value
3	USH00087851	72.10	72.18	0.306	7.15E-07
4	USH00082944	69.08	69.11	-0.000346	0.998
5	USH00083186	74.36	74.36	0.404	0
6	USH00086414	70.99	71.13	-0.0801	0.00213
7	USH00080478	73.11	73.10	0.234	0.000124
8	USH00082915	70.41	70.36	0.056	0.383
9	USH00084731	68.90	68.89	-0.179	0.00306
10	USH00088942	72.25	72.24	0.155	0.0199
11	USH00083207	73.75	73.74	-0.0801	0.203

Results from the Mann-Kendall test including the correlation coefficient, tau, and the 2-sided p-value for each station is shown in Table 24. The correlation coefficients for Stations 3, 5 through 8, and 10 were positive, supporting the visual increasing trend that the loess smooth line showed. The correlation coefficient for Station 6 was negative, but is likely due to outliers around the 1980s (Figure 37). The stations that had the most uncertainty are 1, 2, 4, and 11. These stations had the least number of years with data, and a shorter date range than the stations with lower p-values.

Station 4 had the lowest average annual precipitation, 49.54 in, while Station 3 had the highest at 54.97 in. Station 4 also had the lowest median precipitation, 49.10 inches, while station 1 had the highest, 53.55 inches. None of the stations showed a strong correlation for the average annual precipitation. The correlation coefficients for each station support the visual loess smooth line and are shown in Table 25 with the respective stations p-values. The monthly precipitation boxplots for all eleven stations showed the distinct wetter months for Florida, which includes the summer months June through October. These are also the months when hurricanes and other extreme weather events occur in the Southeast. Stations 8 and 10 had large whiskers for the wetter months, as well as several outliers which may be due to the extreme weather during these months.

Table 25. Precipitation overview and results of the Mann-Kendall test for selected HCN stations.

Map ID	Station Number	Average Annual Precipitation (in)	Median Precipitation (in)	Tau	p-value
1	USH00080228	52.37	53.55	0.043	0.51703
2	USH00084289	52.78	51.58	0.0545	0.441
3	USH00087851	54.97	53.37	-0.0533	0.386
4	USH00082944	49.54	49.10	0.0862	0.189
5	USH00083186	53.99	52.81	0.0991	0.126
6	USH00086414	52.71	52.75	-0.0014	0.984
7	USH00080478	53.29	52.05	-0.126	0.0357
8	USH00082915	52.11	52.29	-0.046	0.444
9	USH00084731	52.06	51.69	0.111	0.0654
10	USH00088942	53.96	53.32	-0.0108	0.872
11	USH00083207	52.46	51.80	0.057	0.363

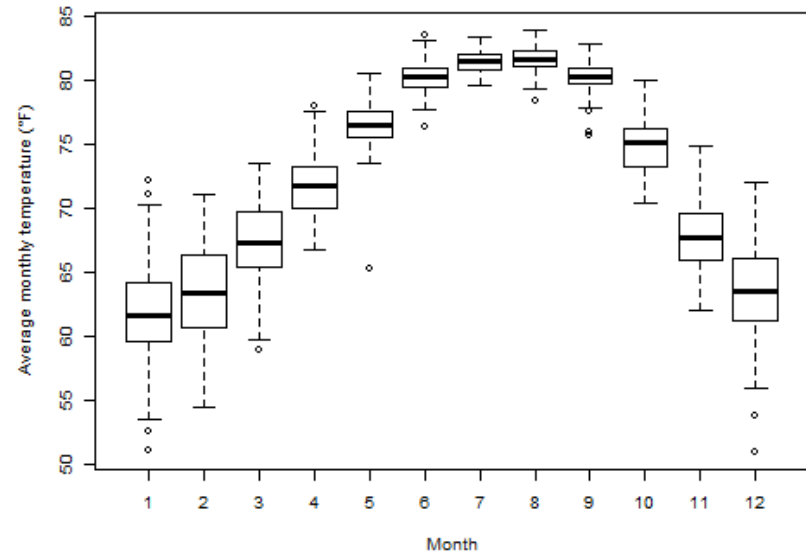
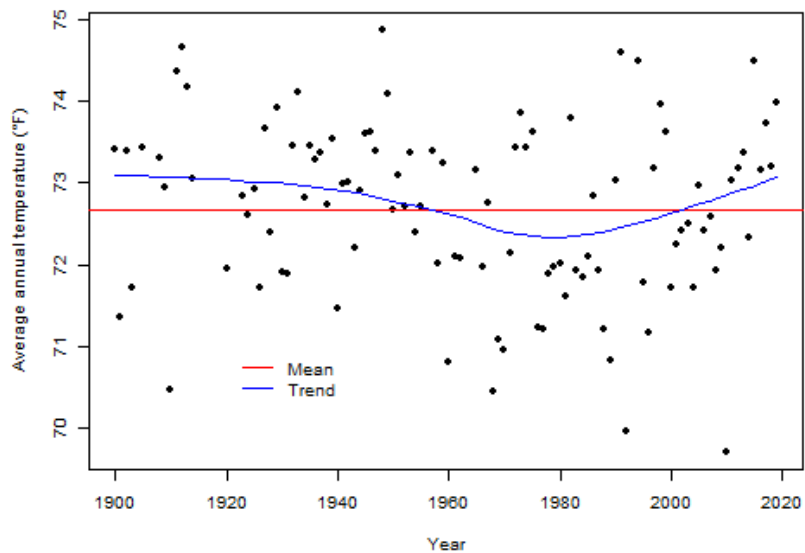
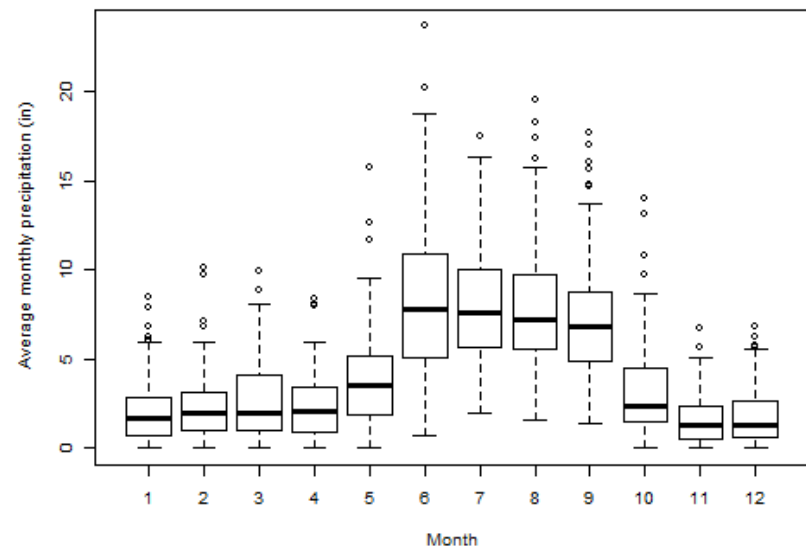
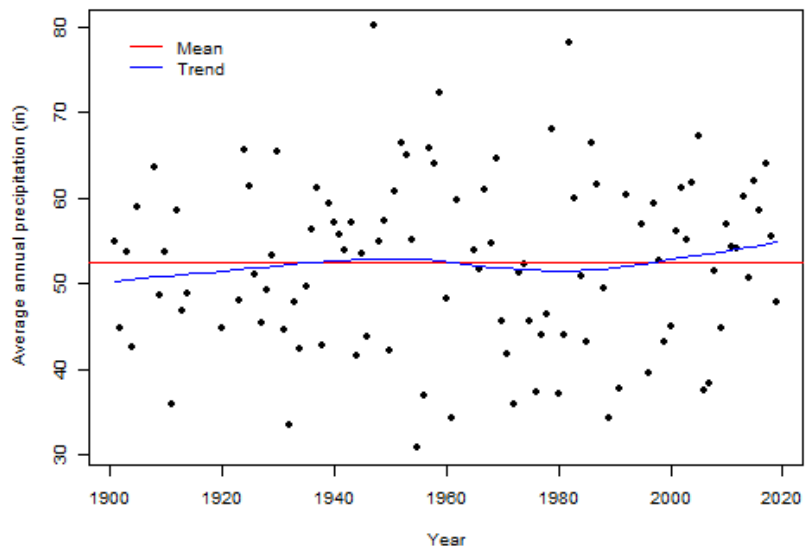


Figure 32. Average annual and monthly temperature and precipitation from station USC00080228.

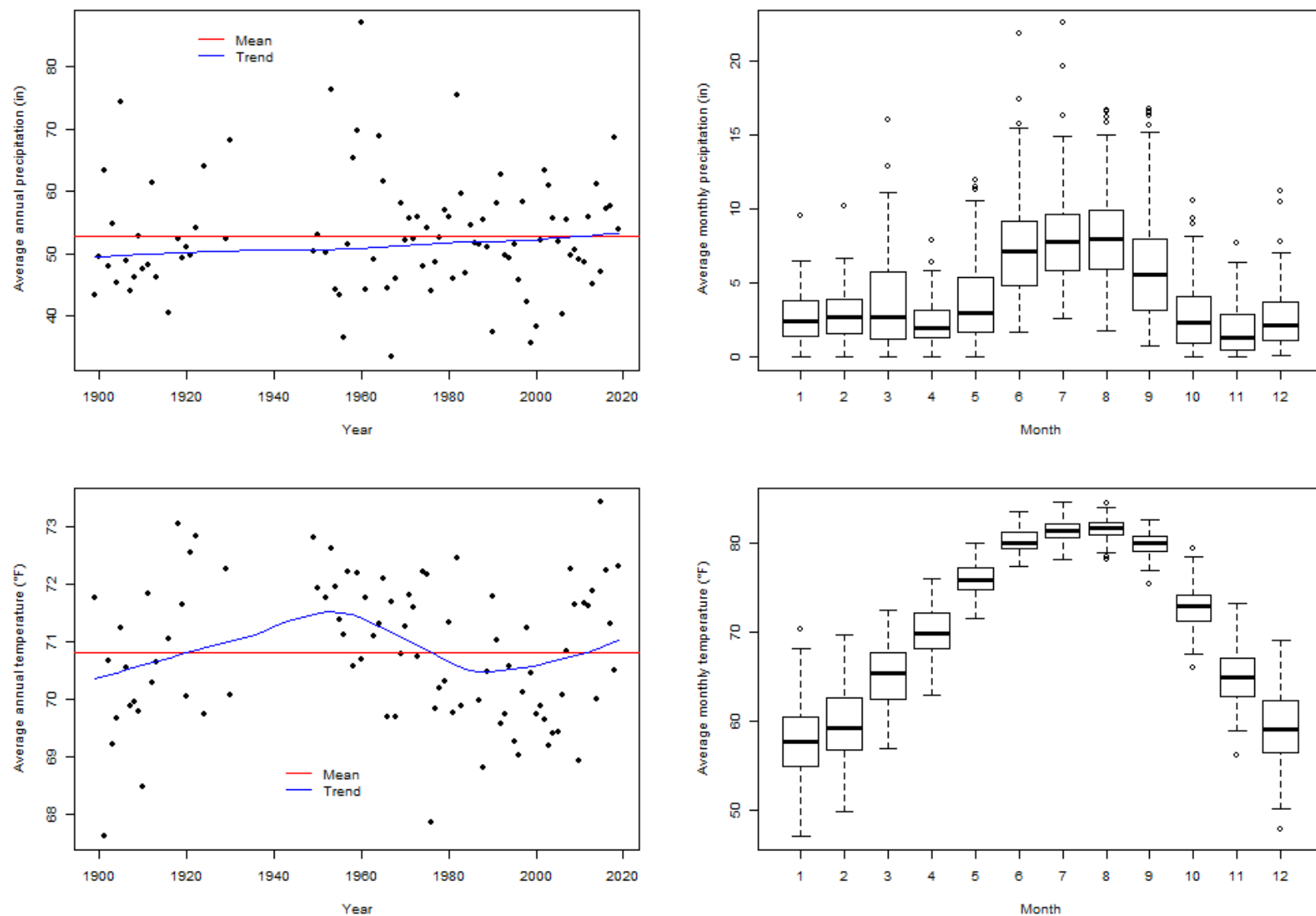


Figure 33. Average annual and monthly temperature and precipitation from station USC00084289.

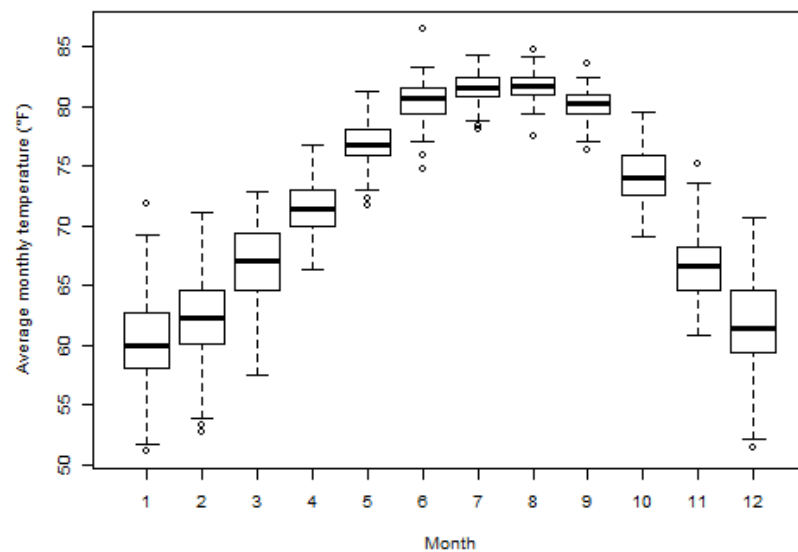
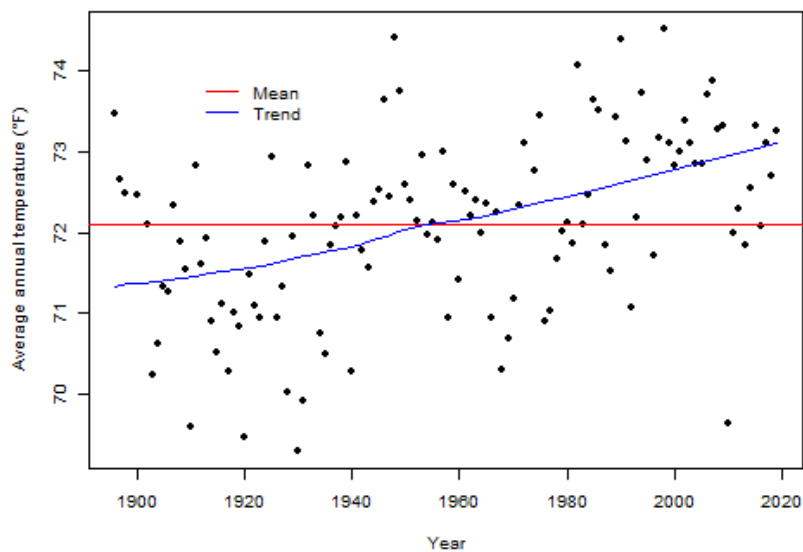
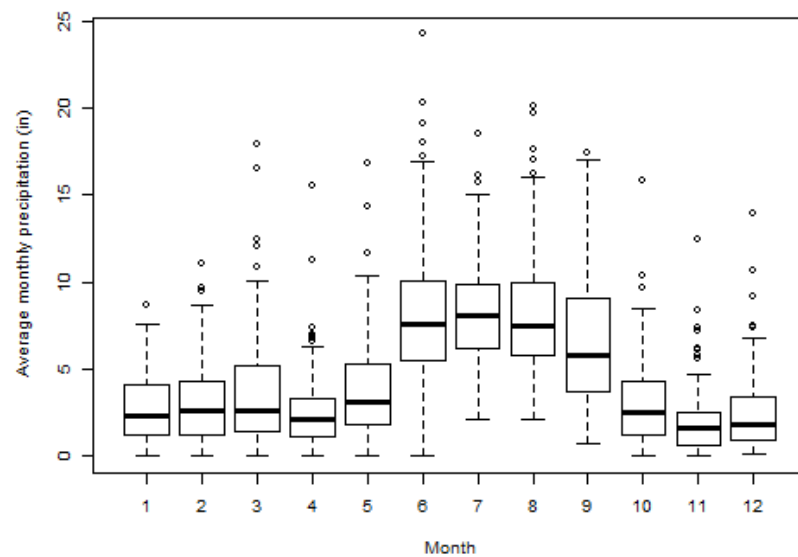
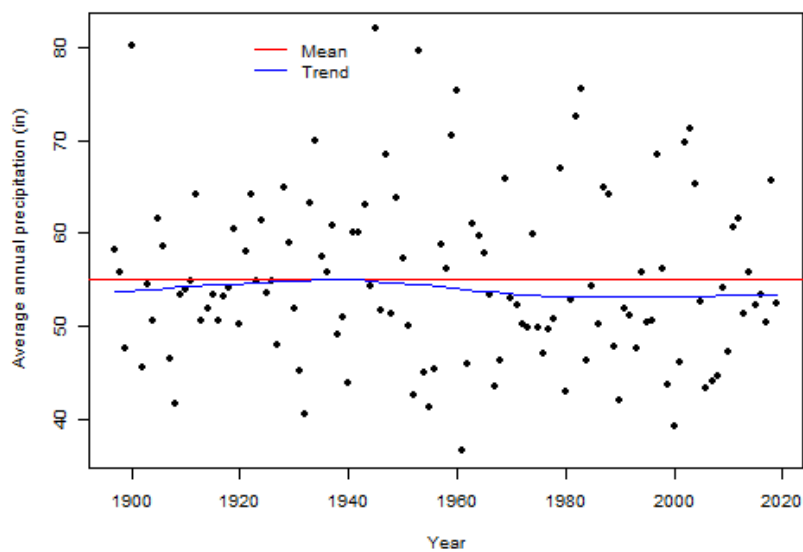


Figure 34. Average annual temperature and precipitation from station USC00087851.

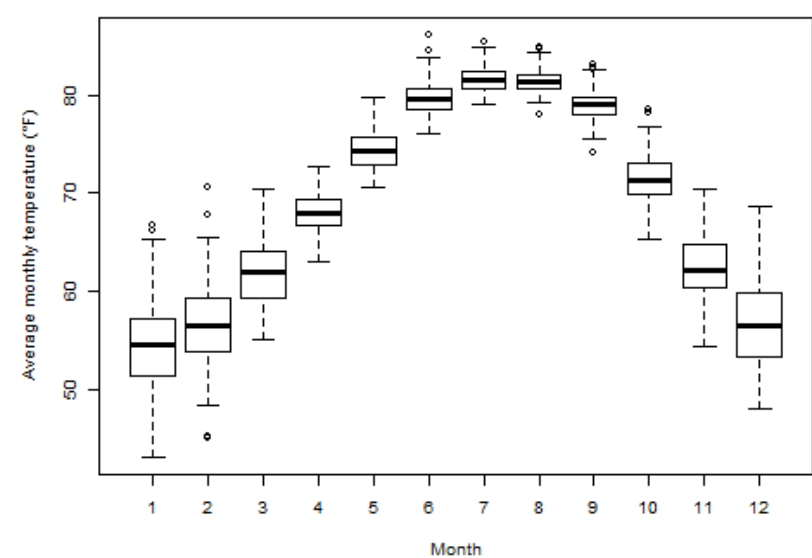
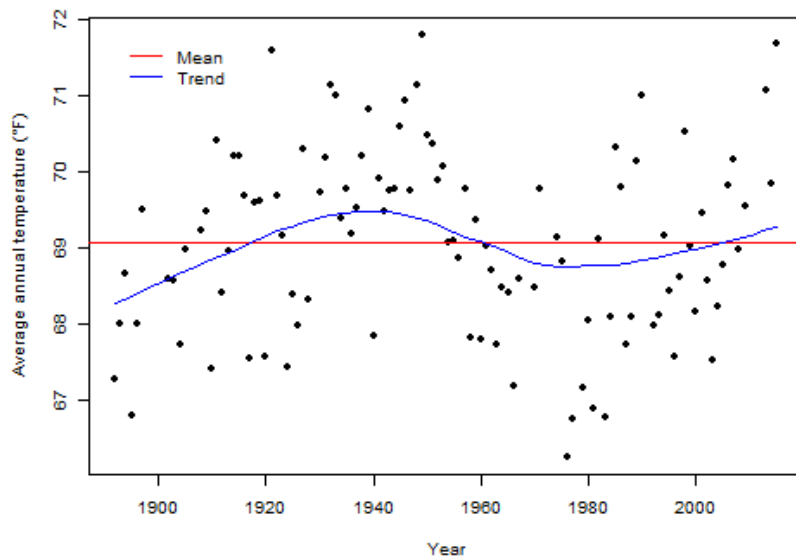
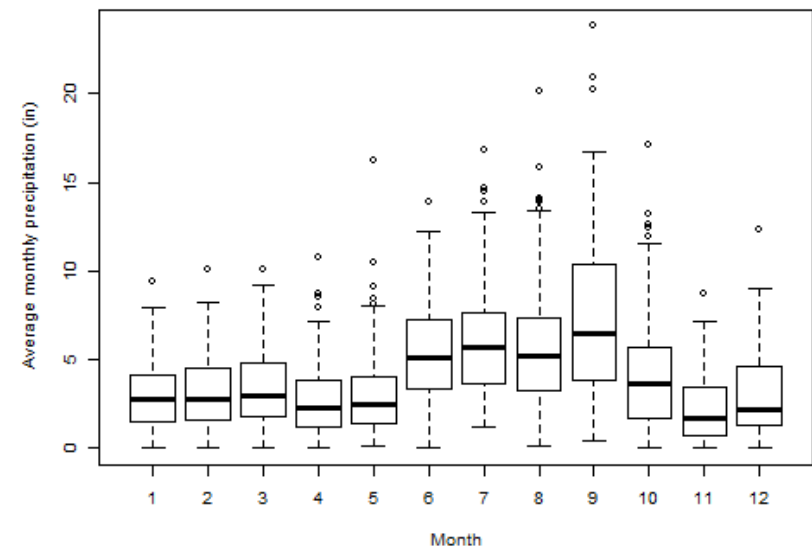
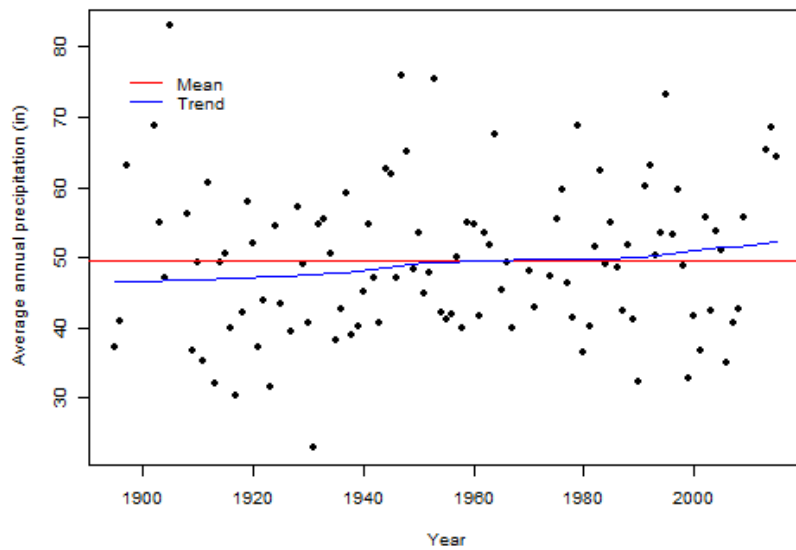


Figure 35. Average annual temperature and precipitation from station USC00082944.

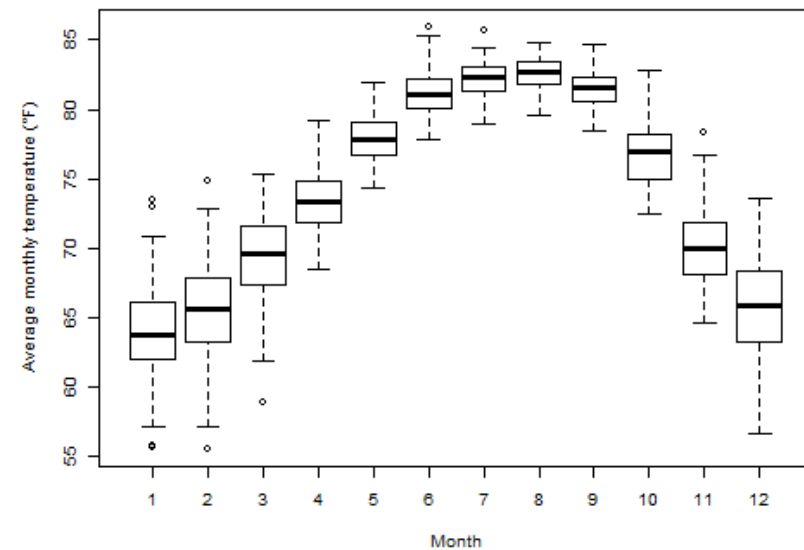
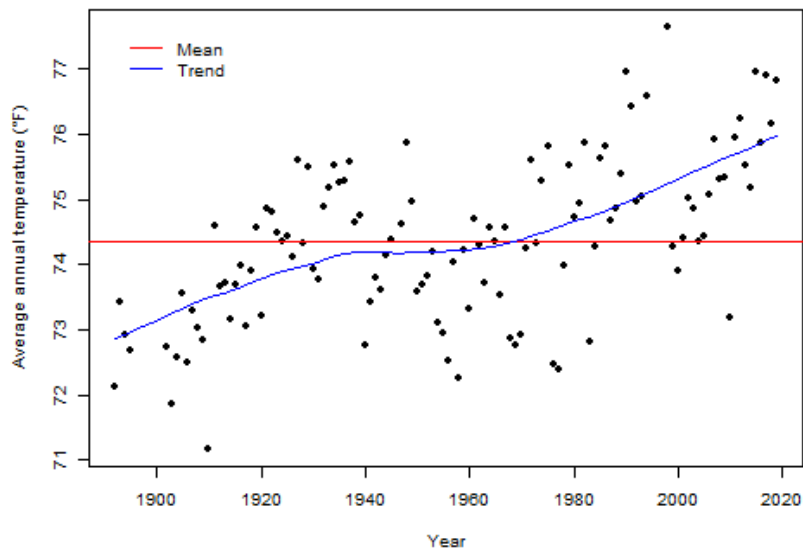
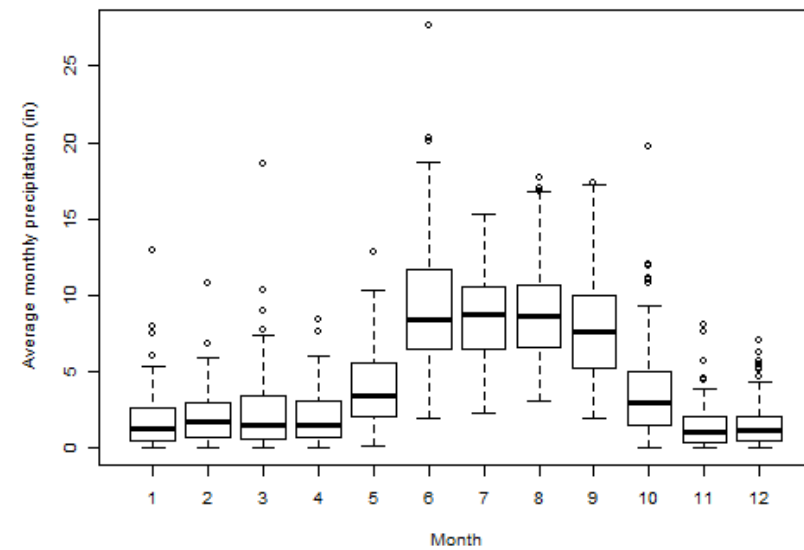
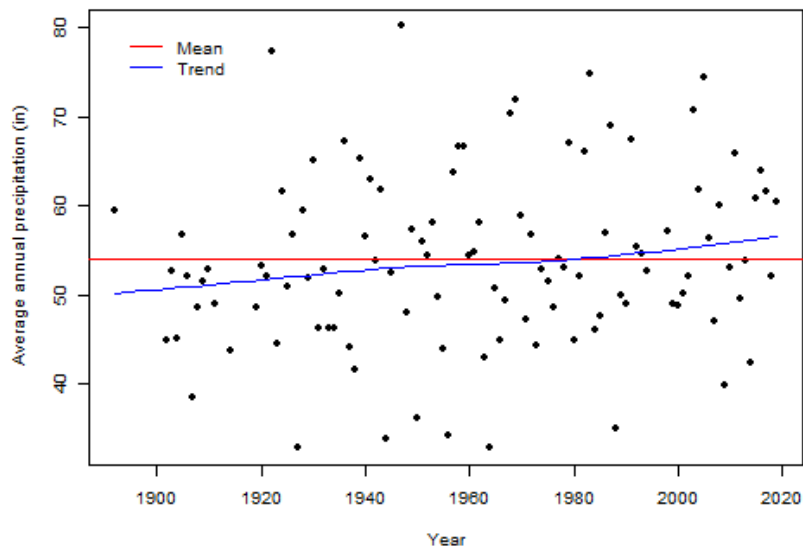


Figure 36. Average annual temperature and precipitation from station USC00083186.

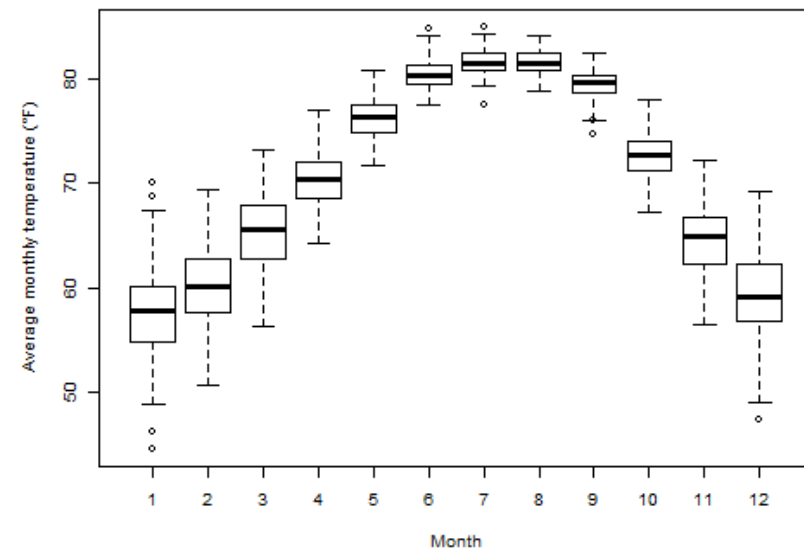
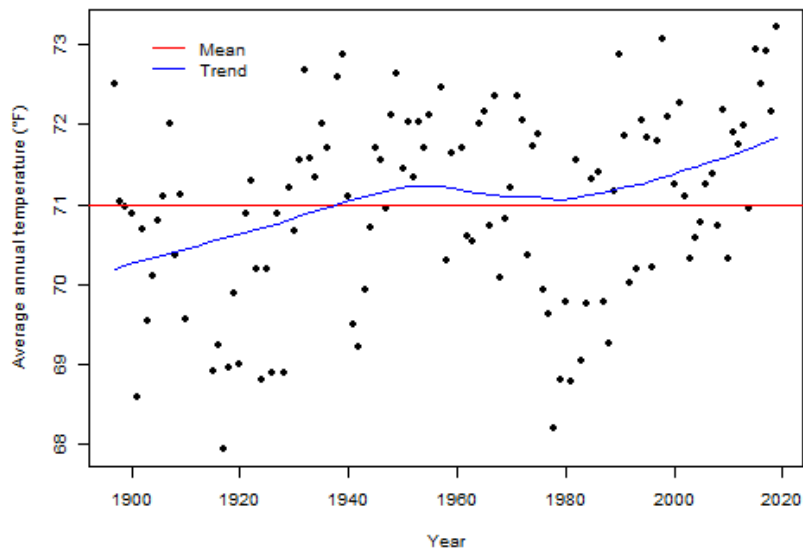
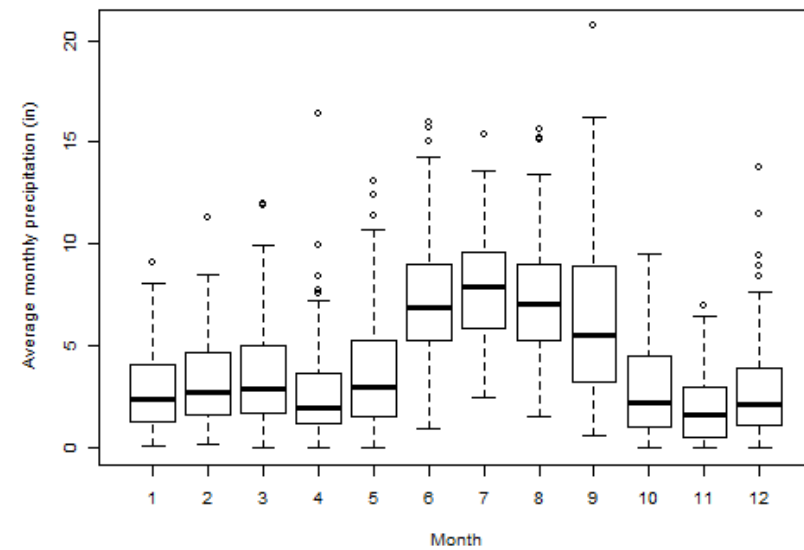
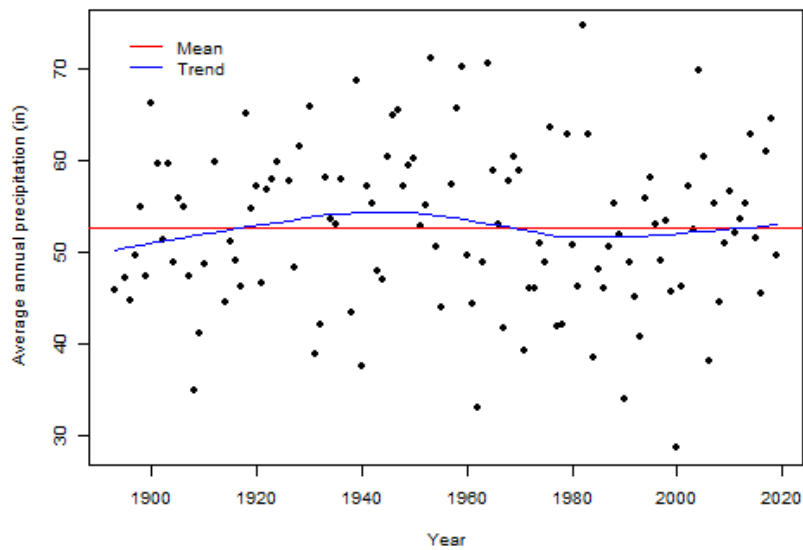


Figure 37. Average annual temperature and precipitation from station USC00086414.

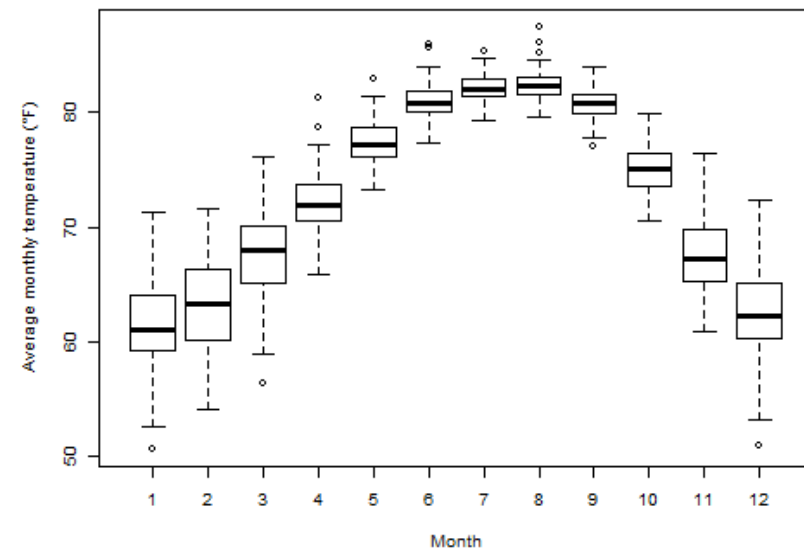
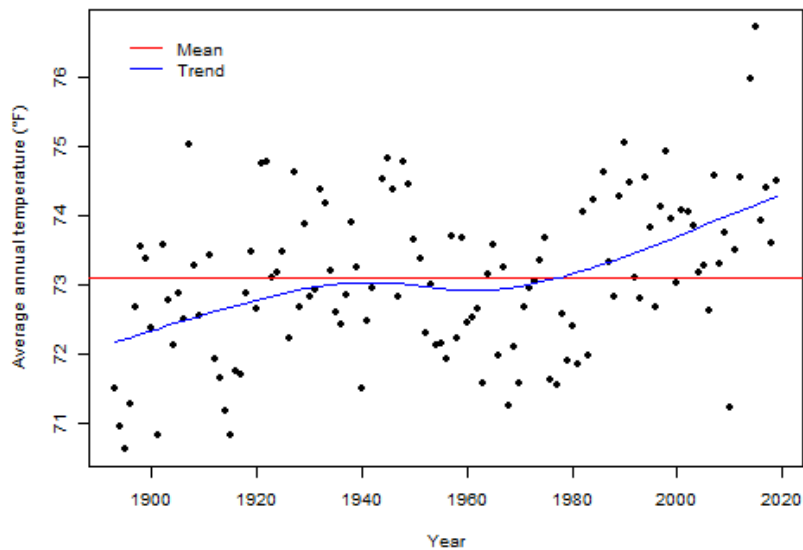
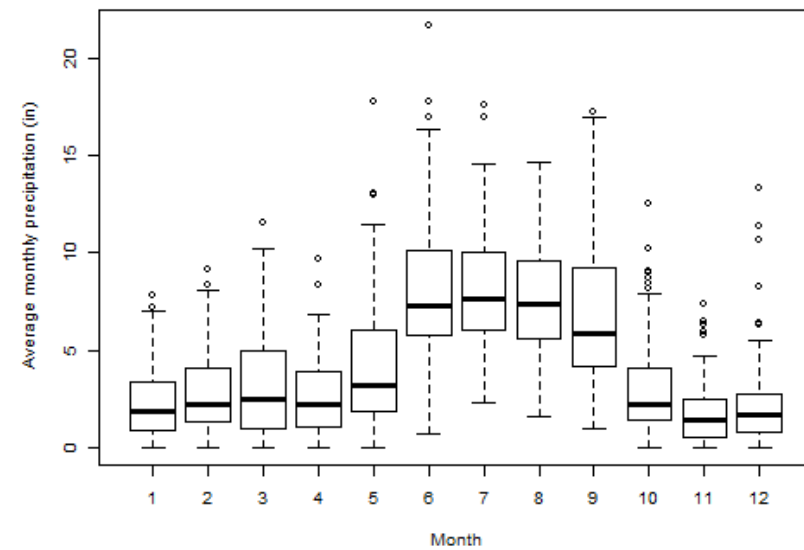
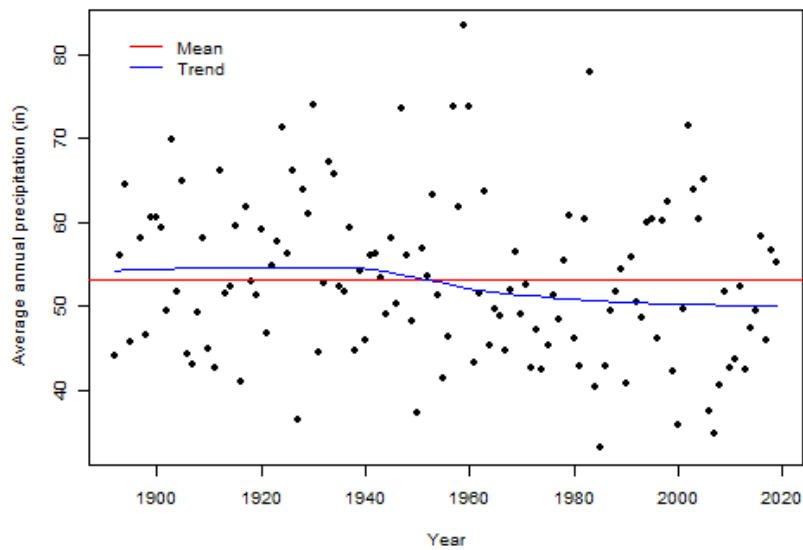


Figure 38. Average annual temperature and precipitation from station USC00080478.

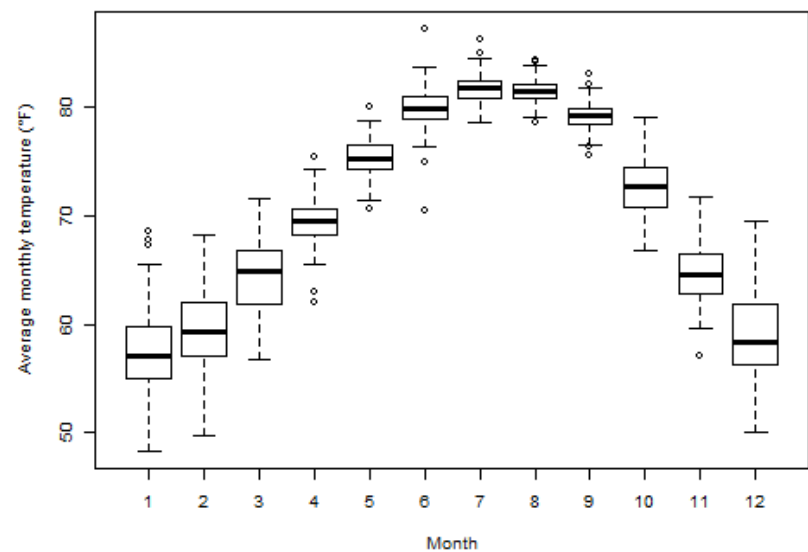
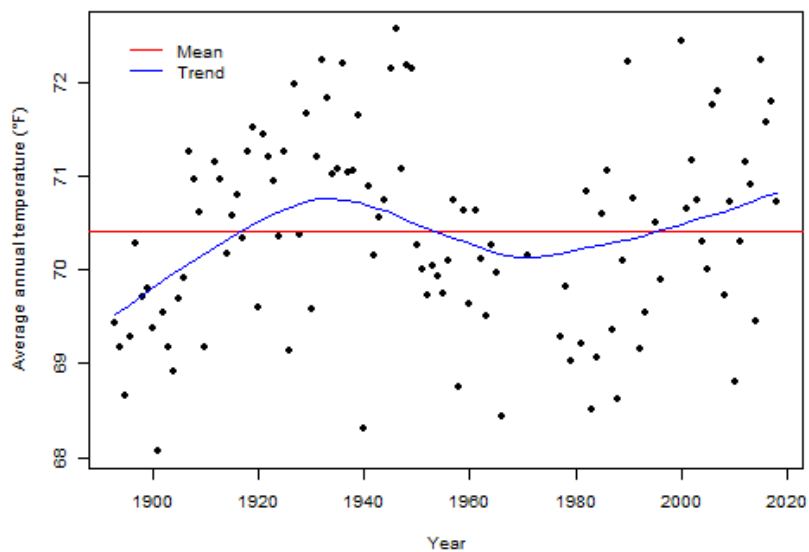
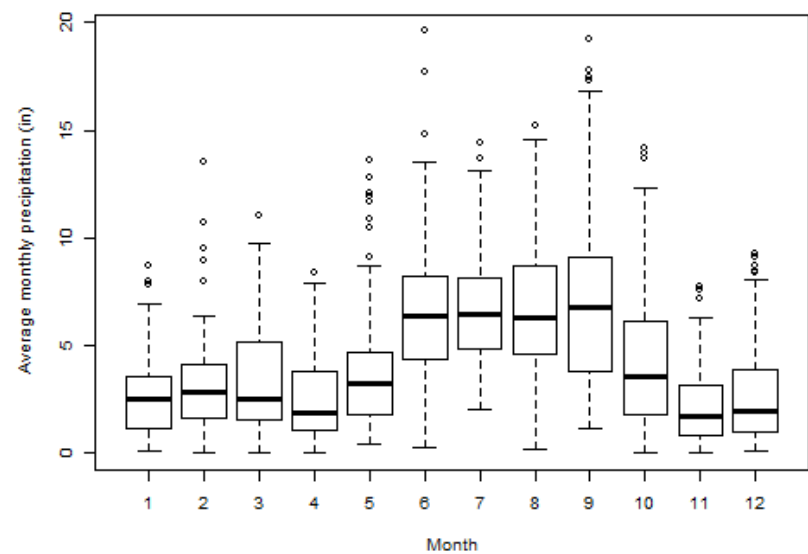
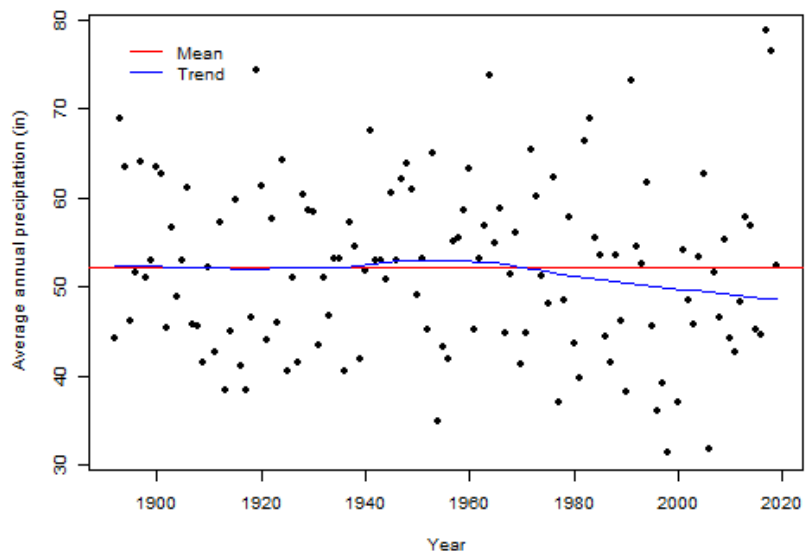


Figure 39. Average annual temperature and precipitation from station USC00082915.

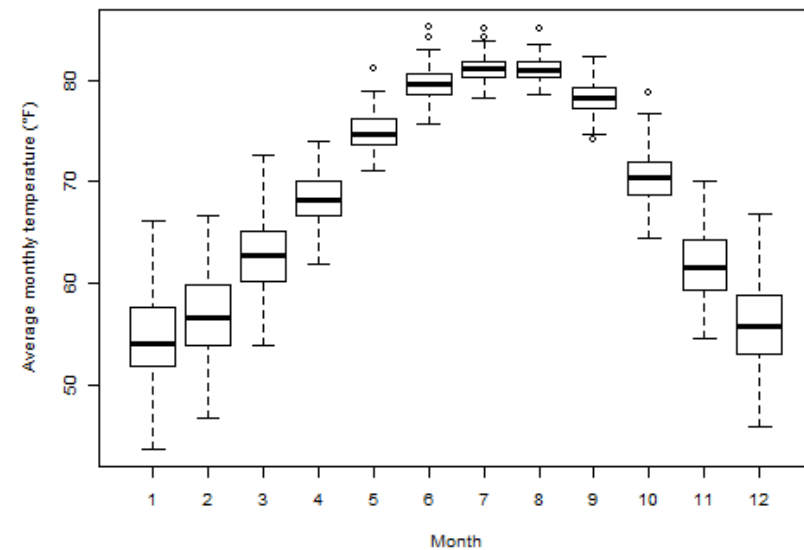
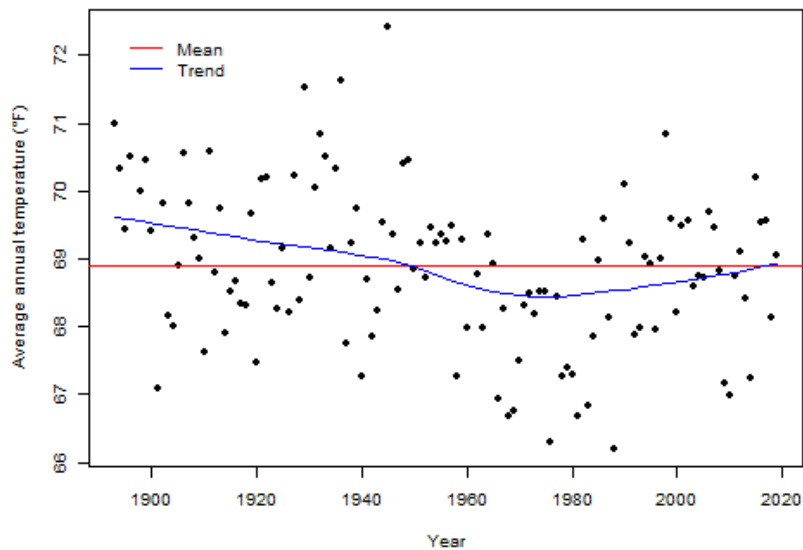
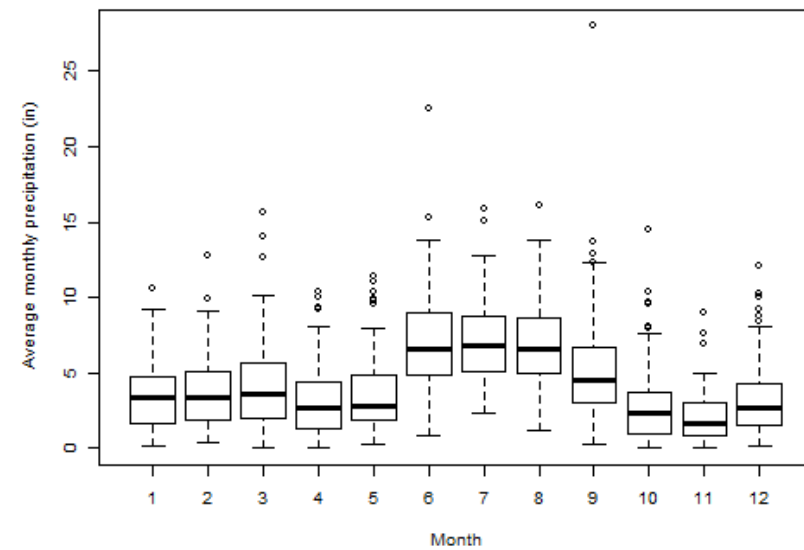
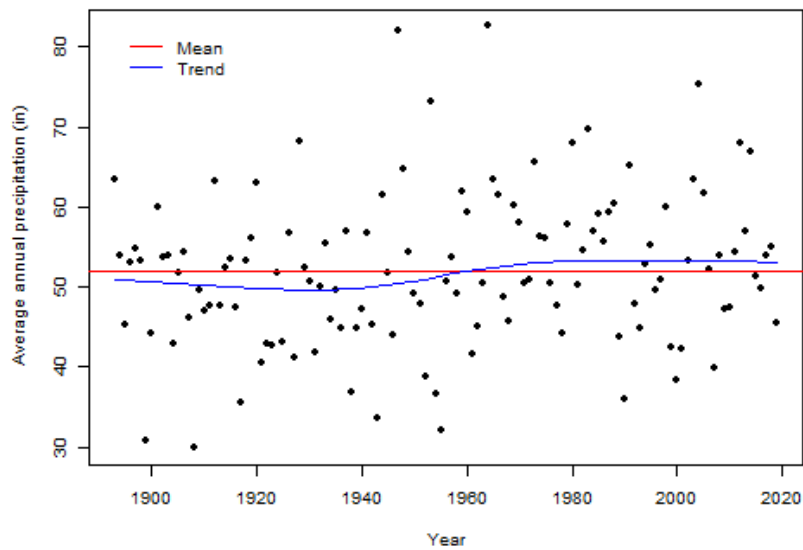


Figure 40. Average annual temperature and precipitation from station USC00084731.

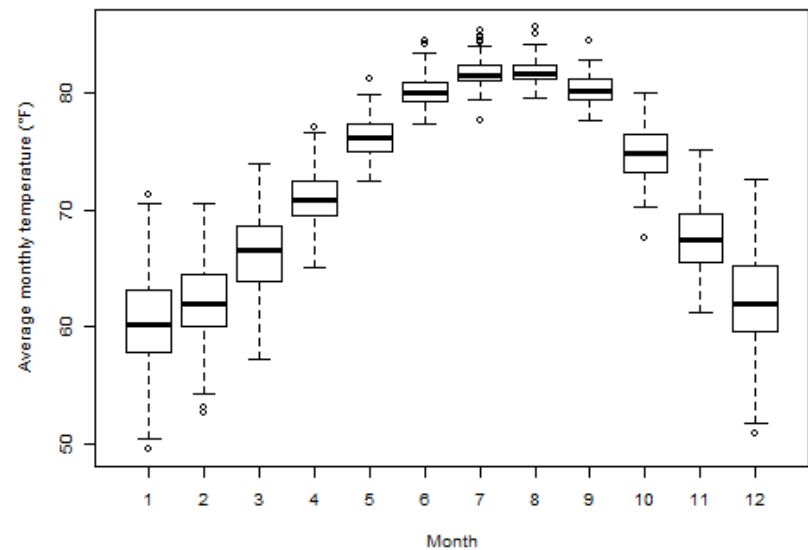
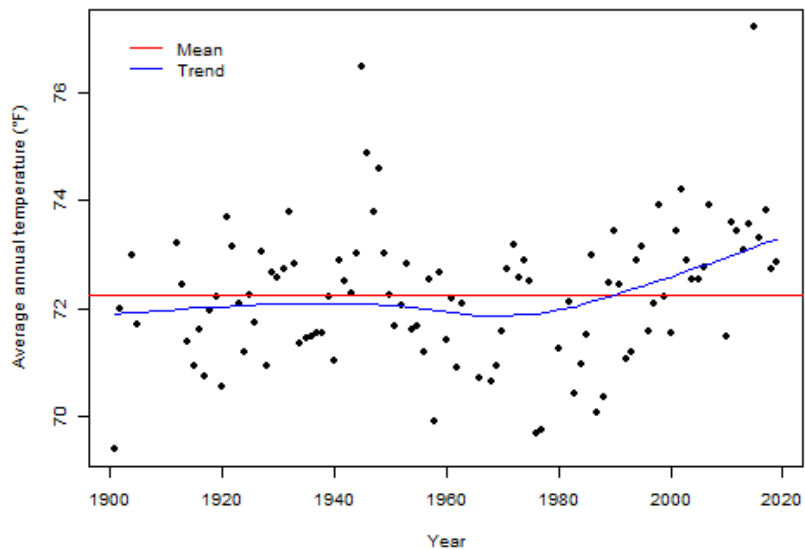
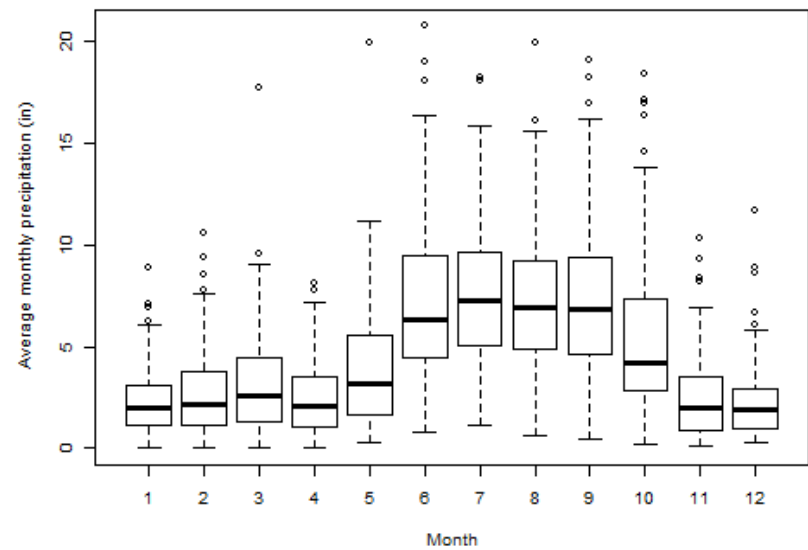
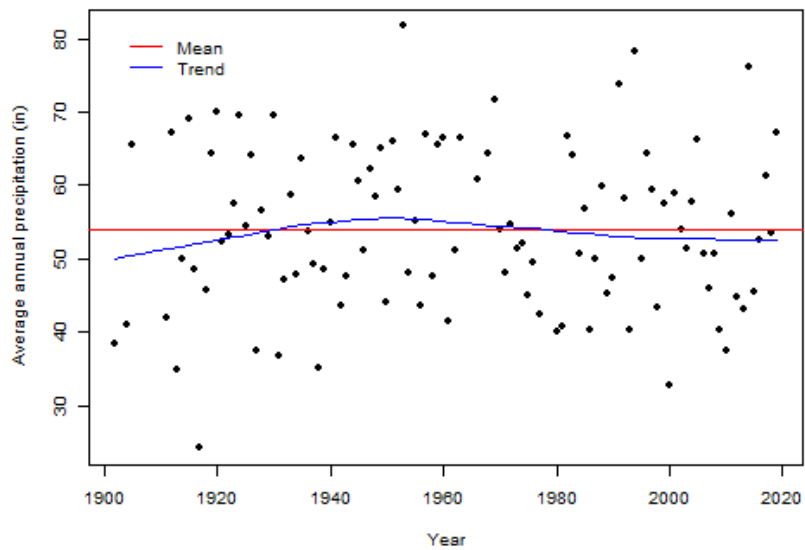


Figure 41. Average annual temperature and precipitation from station USC00088942.

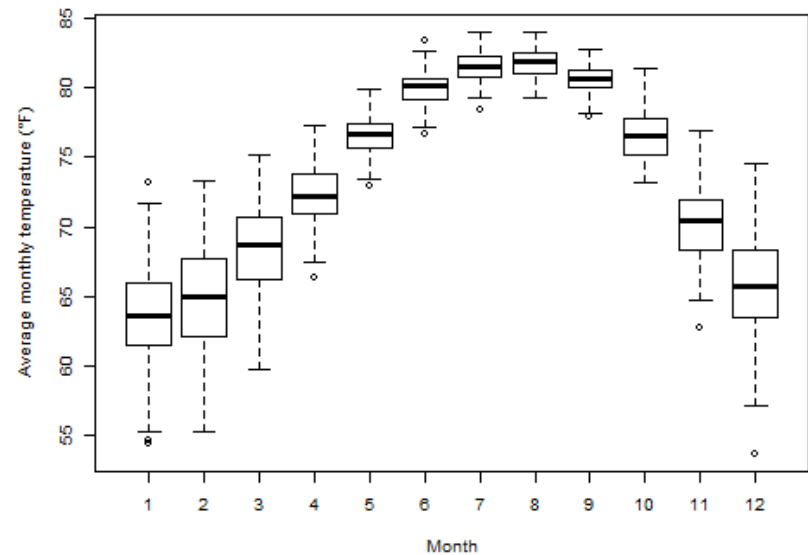
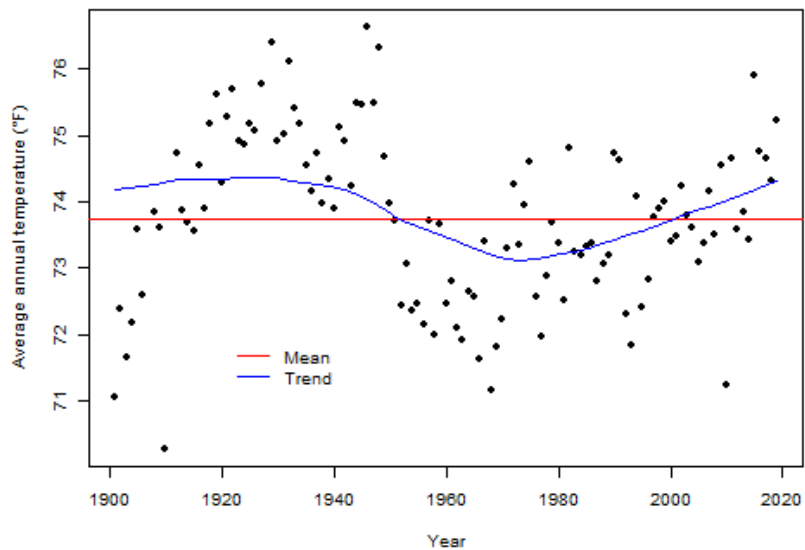
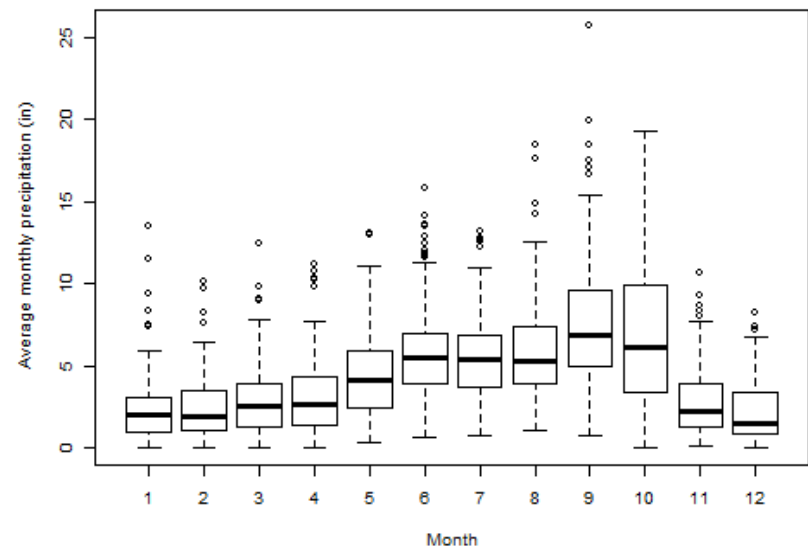
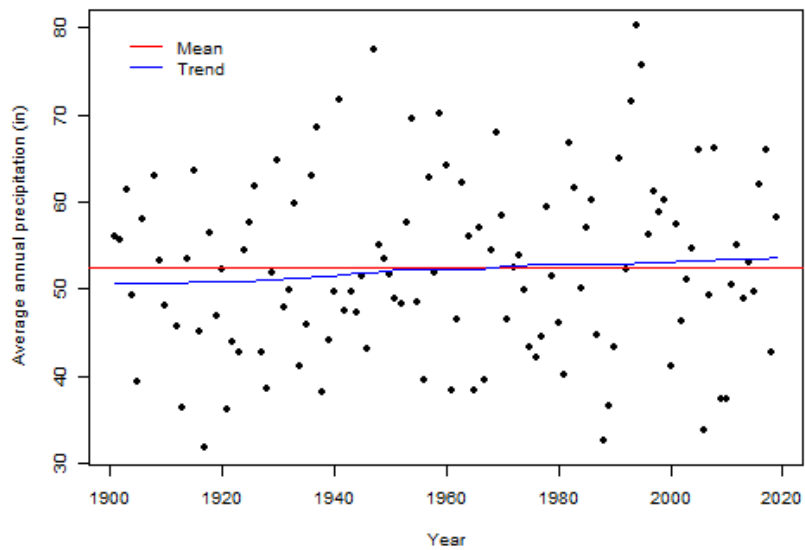


Figure 42. Average annual temperature and precipitation from station USC00083207.

Preliminary Hydrologic Model using the Soil & Water Assessment Tool

SWAT (Soil and Water Assessment Tool) is a semi-distributed, river basin-scale model that quantifies natural and anthropogenic processes in complex watersheds and is run through a GIS interface. The objective of the SWAT model is to quantify and predict the impact of land management practices on the water resources and sediment and agricultural yields within large, complex watersheds. It is a physically based model that needs basin-specific input data such as: climate, soil properties, topography, vegetation, and land management practices. SWAT is a continuous time model, meaning it is not intended to simulate short-term events, rather it can determine long-term impacts. The ability of the model to simulate the watershed can be assessed using a calibration and validation process. Several calibration and validation techniques have been developed, although the calibration technique used in this study is SUFI-2. SUFI-2 uses a Nash-Sutcliffe (NS) coefficient objective function between the observed and simulated discharges (Schuol & Abbaspour, 2006). This calibration and validation method is run with originally large uncertainties and iterated several times before reaching optimization. SWAT is a useful tool to explore alternative watershed management strategies on watershed response (J. G. Arnold et al., 2012; Schuol & Abbaspour, 2006; White & Chaubey, 2005).

WRIA datasets were used as the inputs into a semi-distributed hydrologic model of the Caloosahatchee River Basin. This model was intended to create outputs that accurately represent the watershed and processes from 1997 - 2010, aid in identifying potential threats to the water resources around several National Wildlife Refuges, and show how using water resource data is important in identifying water resource management strategies. Due to the complexity of the hydrologic system in the highly populated city, Fort Meyers, a preliminary hydrologic model was created instead. The following section describes the process of creating a preliminary hydrologic

model using SWAT.

The spatial data needed for the model included a digital elevation model (DEM), soil data, and land use and land cover (LULC). This data was gathered from the WRIA report for Caloosahatchee NWR. Six 30-meter DEMs were downloaded from the USGS National Map, imported to ArcMap, and merged to create a new raster image. The soils data was compiled from the Gridded Soil Survey Geographic (gSSURGO) database, and LULC data was compiled from the National Land Cover Dataset (NLCD) both downloaded from the MRLC. Weather and discharge data are also used for prediction of streamflow and calibration. One climate station was used for this model and was found using the Global Weather Data for SWAT tool through Texas A&M University. Temperature ($^{\circ}\text{C}$), precipitation (mm), wind speed (m/s), relative humidity (fraction), and solar radiation (MJ/m^2) data were downloaded for the years 1990 through 2014. Observed daily discharge from USGS station 02292900 was also collected for the years 1990 through 2014 from the USGS Water Data Portal and was used for model calibration.

The basin delineation was done using the automatic watershed delineator in ArcSWAT. It used the input DEM to delineate and analyze the drainage patterns and surface elevations. Since this watershed covers a large area of Florida, a mask was used in order to limit the area of the DEM that SWAT analyzes; the mask was manually drawn to cover the majority of the land area around the Caloosahatchee River. The stream networks were delineated using the automatic tool and a watershed area was suggested. Since the focus of this model is the Caloosahatchee River, a threshold of 50,000 ha was used, a stream network was defined, and as a result, nine sub-basins were identified. The distribution of land use, soil, and slope characteristics within each HRU has a large impact on the streamflow. Ten HRUs were defined in the basin, and the distribution thresholds were an even 33% for land use, soil, and slope. After watershed delineation, HRU

analysis, and input of the climate data, the model was run on a daily time step from 1997 to 2010 with a warm-up period of three years. An automatic calibration was done using SWAT-CUP and SUFI-2. Literature was used to define the initial parameters for calibration; Table 26 lists the starting parameters with the chosen range. Three iterations of 500 simulations were run for the automatic calibration, with the suggested range of parameters from each run result used in the next iteration. Insensitive parameters were removed from the next calibration. Simulated flow was only compared to the observed flow for sub-basin 9.

Table 26. Initial parameters for calibration in SWAT-CUP. The relative method indicates the existing parameter value is multiplied by a (1+ a given value). The replace method indicates the existing parameter value is to be replaced by the given value.

Method	Parameter	Range
Relative	CN2.mgt	-0.2 - 0.2
Replace	ALPHA_BF.gw	0.0 – 1.0
Replace	GW_DELAY.gw	0.0 - 500
Replace	GWQMN.gw	0.0 - 1000
Replace	CH_K2.rte	-0.01 - 130
Replace	CH_N2.rte	-0.01 - 0.3
Replace	GW_REVAP.gw	0.02 - 0.2
Replace	ESCO.hru	0.8 – 1.0
Relative	EPCO.hru	-0.2 - 0.2
Relative	SOL_AWC.sol	-0.2 - 0.2
Relative	SOL_K.sol	-0.8 - 0.8
Relative	SOL_BD(1).sol	-0.5 – 3.0
Relative	RCHRG_DP.gw	-0.2 - 0.2
Relative	REVAPMN.gw	-0.2 - 0.2
Replace	SURLAG.bsn	0.05 - 24

A SWAT-Check of the first run of the model in ArcSWAT provided warnings that include: the surface runoff ratio may be low (<0.2), the groundwater ratio may be high, and the surface runoff may be too low. Although these warnings indicate that the model should be improved before

moving forward, a calibration was done for the model anyways. Calibration results from the final iteration are presented in Figure 43 and Table 27.

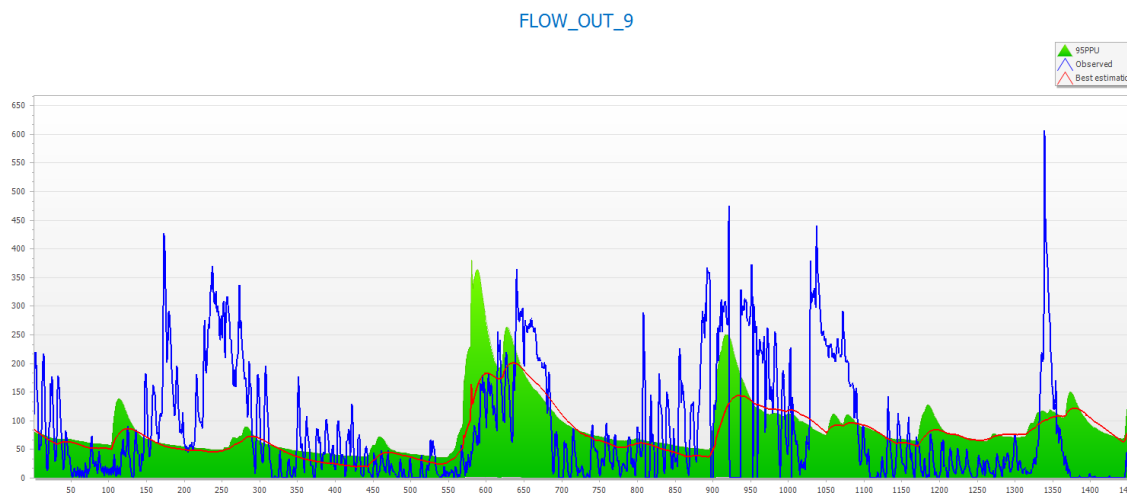


Figure 43. 95ppu plot of observed versus simulated flow.

Table 27. Statistics comparing the observed with the simulated data through p-factor, r-factor, and the best simulation of the current iteration using r^2 and NS.

Variable	p-factor	r-factor	r^2	NS
FLOW_OUT_9	0.54	0.91	0.1	0.09

The original NS value for the first iteration of calibration was 0.03, the second iteration gave an NS value of 0.05, and the final iteration gave an NS value of 0.07. Although the simulated values improved with each iteration, the foundational inputs of the model were not at a point to be calibrated in the first place; therefore, the calibration results are negligible. Another point of interest for calibration is the observed data from the USGS station. There were several missing streamflow values or values of zero within the data over this period, likely caused by the coastal setting or from lake releases. Although the calibration results are negligible, this affects future calibration of the basin model in the future. This model does not accurately simulate the Caloosahatchee River basin, but can be used as a preliminary hydrologic model for future use.

To improve this model, the input data for soils should be reviewed. The soils differ by

county in the watershed, even if they represent the same soil. It is also noted that Lake Okeechobee is not recognized as water but has assigned soil values to the lake area. Considering the low topography, drainage ability, and importance of the soil input to the model, this input must be addressed to ensure a well simulated watershed. Another area of the model to be improved is the simulation of the streamflow itself. Although this was found during the negligible calibration, the lack of data or 0 flow values within the observed data indicates outside influence on the streamflow. The Caloosahatchee River has been channelized with several canals stemming from Lake Okeechobee. The Army Corps of Engineers manages the releases from the lake to the river which is likely the reason for missing or 0 flow values. For this model to accurately simulate the Caloosahatchee River, the controlled releases during the model period needs to be entered into SWAT.

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CHAPTER FIVE

CONCLUSIONS

The growing populations in Florida have caused changes to the natural hydrologic system. The USFWS in conjunction with UGA is taking an initial step in understanding the water resource of National Wildlife Refuges in the Southeast region through creating Water Resource Inventory and Assessment Reports (WRIAs). WRIAs present water information on the natural setting of the refuge, an inventory of the water resources, infrastructure, water monitoring stations, aquatic habitats and species, federal and state water quality regulation, and an assessment of the threats and needs of the refuge. The information in the report is presented at the refuge scale, as well as the Region of Hydrologic Influence (RHI), an area around the refuge that includes water resources that are believed to affect the refuge. This report provides refuges with information that supports individual refuge management, planning, and objectives. It also provides a resource for the refuge to reference when requesting funding.

Data is pulled from various sources including publicly available reports, databases, geospatial datasets from federal, state, and local agencies, etc. These sources provide limited information and data, and the data that is available must go through a series of formatting and analysis to be useful within the reports.

Without the WRIA process, refuges are tasked with collecting, formatting, and analyzing this information on their own which can be time consuming and may not provide them with the information necessary for their needs. This thesis showed the information publicly available not only on and around National Wildlife Refuges, but in the state of Florida as well. Through the

example WRIA, the climate analysis, and the preliminary hydrologic model, this thesis presented available information, and in tangent, highlighted the lack of information necessary to perform a proper analysis for refuge complexes in Florida.

The WRIA provided the initial step in performing a climate analysis of the refuge complexes in Florida. The original intention was to investigate historic climate trends near the complexes to help determine the intensity of the WRIA-identified climate threat to the refuges. Historic climate information in the 1900s existed in Florida, although only one station near each complex had enough information for an investigation. Instead, an analysis of the temperature and precipitation for the entire state of Florida was done and used to interpolate the intensity of the climate threat to the refuge complex.

The preliminary hydrologic model served as a finer scale example of the lack of water resource data. The original intention was to accurately model the Caloosahatchee River Basin to help provide additional data for the refuge to mitigate the threats to the water resources around the refuge. Only a preliminary hydrologic model was created due to the amount of anthropogenic influence on the natural river system and lack of public information available. Lake Okeechobee releases through the channeled and canaled river system dominate the flow and have completely changed the natural system of the Caloosahatchee River making it difficult to accurately model the river basin.

The WRIA project developed a system for publicly available water resource information and data to be pulled for refuge purposes. The process to create the reports and packages help the refuge to protect and manage their refuge and highlight the lack of information that refuges must work with. Although threats were identified through the WRIA process, the climate analysis and hydrologic model were aimed at taking the next step in understanding how the water resources

interact on and around refuges. The goal of this thesis was to develop a system to gather water resource data, compile it, categorize it, and make it useable for refuge staff to be able to examine changes occurring on and around the protected refuges. The overall conclusion of this thesis is that the information available is hard to piece together, and that an initiative to collect more data, in a more evenly distributed spatial extent is necessary in order to take the next steps in understanding water resources on and around protected areas. This thesis represents the importance of organized, easily accessible water resource data when identifying changes in local hydrologic systems, demonstrates the importance of the WRIA process in understanding refuge resources, and provides information on the climate threats to the selected refuges.

REFERENCES

- Ahearn, D. S., Sheibley, R. W., Dahlgren, R. A., Anderson, M., Johnson, J., & Tate, K. W. (2005). Land use and land cover influence on water quality in the last free-flowing river draining the western Sierra Nevada, California. *Journal of Hydrology*, 313(3–4), 234–247. <https://doi.org/10.1016/J.JHYDROL.2005.02.038>
- Allen, M. R., & Ingram, W. J. (2002, September 12). Constraints on future changes in climate and the hydrologic cycle. *Nature*, Vol. 419, pp. 228–232. <https://doi.org/10.1038/nature01092>
- Barnett, T. P., Pierce, D. W., Hidalgo, H. G., Bonfils, C., Santer, B. D., Das, T., ... Dettinger, M. D. (2008). Human-induced changes in the hydrology of the Western United States. *Science*, 319(5866), 1080–1083. <https://doi.org/10.1126/science.1152538>
- Baumann, A. J., Lewis, E., & Walker, L. &. (2014). *General Overview of Riparian Rights in Florida*. Retrieved from <https://www.llw-law.com/wp-content/uploads/2016/04/General-Overview-of-Riparian-Rights-in-Florida.pdf>
- Bolstad, P. V., & Swank, W. T. (1997). CUMULATIVE IMPACTS OF LANDUSE ON WATER QUALITY IN A SOUTHERN APPALACHIAN WATERSHED. *Journal of the American Water Resources Association*, 33(3), 519–533. <https://doi.org/10.1111/j.1752-1688.1997.tb03529.x>
- Brooks, B. W., Lazorchak, J. M., Howard, M. D. A., Johnson, M.-V. V., Morton, S. L., Perkins, D. A. K., ... Steevens, J. A. (2016). Are harmful algal blooms becoming the greatest inland water quality threat to public health and aquatic ecosystems? *Environmental Toxicology and*

Chemistry, 35(1), 6–13. <https://doi.org/10.1002/etc.3220>

- Carle, M. V., Halpin, P. N., & Stow, C. A. (2005). PATTERNS OF WATERSHED URBANIZATION AND IMPACTS ON WATER QUALITY. *Journal of the American Water Resources Association*, 41(3), 693–708. <https://doi.org/10.1111/j.1752-1688.2005.tb03764.x>
- Carpenter, S. R., Caraco, N. F., Correll, D. L., Howarth, R. W., Sharpley, A. N., & Smith, V. H. (1998). NONPOINT POLLUTION OF SURFACE WATERS WITH PHOSPHORUS AND NITROGEN. *Ecological Applications*, 8(3), 559–568. [https://doi.org/10.1890/1051-0761\(1998\)008\[0559:NPOSWW\]2.0.CO;2](https://doi.org/10.1890/1051-0761(1998)008[0559:NPOSWW]2.0.CO;2)
- Chien, H., Yeh, P. J. F., & Knouft, J. H. (2013). Modeling the potential impacts of climate change on streamflow in agricultural watersheds of the Midwestern United States. *Journal of Hydrology*, 491(1), 73–88. <https://doi.org/10.1016/j.jhydrol.2013.03.026>
- Christaldi, R. (1996). Sharing the Cup: A Proposal for the Allocation of Florida 's Water Resources. In *Fla. St. U. L. Rev* (Vol. 23). Retrieved from <http://ir.law.fsu.edu/lrhttp://ir.law.fsu.edu/lr/vol23/iss4/8>
- Felfelani, F., Wada, Y., Longuevergne, L., & Pokhrel, Y. N. (2017). Natural and human-induced terrestrial water storage change: A global analysis using hydrological models and GRACE. *Journal of Hydrology*, 553, 105–118. <https://doi.org/10.1016/j.jhydrol.2017.07.048>
- Fretwell, J. D., Williams, J. S. (John S., Redman, P. J., & Geological Survey (U.S.). (1996). *National water summary on wetland resources*. Retrieved from <https://books.google.com/books?hl=en&lr=&id=wINkM4d1Z-4C&oi=fnd&pg=PA19&dq=wetland+drainage+florida&ots=wwuG5-vF8M&sig=nct0AK3Kt23QFkwpLbMrB2r8gtg#v=onepage&q=florida&f=false>

- Githui, F., Gitau, W., Mutua, F., & Bauwens, W. (2009). Climate change impact on SWAT simulated streamflow in western Kenya. *International Journal of Climatology*, 29(12), 1823–1834. <https://doi.org/10.1002/joc.1828>
- Gleick, P. H. (1986). Methods for evaluating the regional hydrologic impacts of global climatic changes. *Journal of Hydrology*, 88(1–2), 97–116. [https://doi.org/10.1016/0022-1694\(86\)90199-X](https://doi.org/10.1016/0022-1694(86)90199-X)
- Gleick, P. H. (1989). Climate change, hydrology, and water resources. *Reviews of Geophysics*, 27(3), 329. <https://doi.org/10.1029/RG027i003p00329>
- Hall, K., & Schreier, H. (1996). Urbanization and agricultural intensification in the Lower Fraser River valley,: Impacts on water use and quality. *GeoJournal*, 40(1–2), 135–146. <https://doi.org/10.1007/BF00222539>
- Hayhoe, K., Wake, C. P., Huntington, T. G., Luo, L., Schwartz, M. D., Sheffield, J., ... Wolfe, D. (2007). Past and future changes in climate and hydrological indicators in the US Northeast. *Climate Dynamics*, 28(4), 381–407. <https://doi.org/10.1007/s00382-006-0187-8>
- Hill, A. R. (1981). STREAM PHOSPHORUS EXPORTS FROM WATERSHEDS WITH CONTRASTING LAND USES IN SOUTHERN ONTARIO. *Journal of the American Water Resources Association*, 17(4), 627–634. <https://doi.org/10.1111/j.1752-1688.1981.tb01269.x>
- J. G. Arnold, J. G., D. N. Moriasi, D. N., P. W. Gassman, P. W., K. C. Abbaspour, K. C., M. J. White, M. J., R. Srinivasan, R., ... M. K. Jha, M. K. (2012). SWAT: Model Use, Calibration, and Validation. *Transactions of the ASABE*, 55(4), 1491–1508. <https://doi.org/10.13031/2013.42256>
- Jha, M., Pan, Z., Tackle, E. S., & Gu, R. (2004). Impacts of climate change on streamflow in the

- Upper Mississippi River Basin: A regional climate model perspective. *Journal of Geophysical Research D: Atmospheres*, 109(9). <https://doi.org/10.1029/2003JD003686>
- JOHNSON, L., RICHARDS, C., HOST, G., & ARTHUR, J. (1997). Landscape influences on water chemistry in Midwestern stream ecosystems. *Freshwater Biology*, 37(1), 193–208. <https://doi.org/10.1046/j.1365-2427.1997.d01-539.x>
- Landscape Conservation Cooperatives Network. (2015). *2015 LCC Network Areas*. Retrieved from <https://www.sciencebase.gov/catalog/item/55b943ade4b09a3b01b65d78>
- Lanfear, K. J., & Hirsch, R. M. (1999). USGS Study reveals a decline in long-record streamgages. *Eos, Transactions American Geophysical Union*, 80(50), 605. <https://doi.org/10.1029/99EO00406>
- Lenat, D. R. (1984). Agriculture and stream water quality: A biological evaluation of erosion control practices. *Environmental Management*, 8(4), 333–343. <https://doi.org/10.1007/BF01868032>
- Mallin, M. A., Parsons, D. C., Johnson, V. L., McIver, M. R., & CoVan, H. A. (2004). Nutrient limitation and algal blooms in urbanizing tidal creeks. *Journal of Experimental Marine Biology and Ecology*, 298(2), 211–231. [https://doi.org/10.1016/S0022-0981\(03\)00360-5](https://doi.org/10.1016/S0022-0981(03)00360-5)
- Milewski, A. M., Creviston, M. J., Rasmussen, T. C., Faustini, J., & Moorman, M. (2020). *Water Resource Inventory and Assessment: Bond Swamp National Wildlife Refuge*. Retrieved from <https://ecos.fws.gov/ServCat/DownloadFile/171771>
- Milewski, A. M., Rasmussen, T. C., Hutcheson, H., & Faustini, J. (2018). *Water Resource Inventory and Assessment: Pond Creek National Wildlife Refuge*. Retrieved from <https://ecos.fws.gov/ServCat/DownloadFile/150563>
- Minville, M., Brissette, F., & Leconte, R. (2008). Uncertainty of the impact of climate change on

- the hydrology of a nordic watershed. *Journal of Hydrology*, 358(1–2), 70–83.
<https://doi.org/10.1016/j.jhydrol.2008.05.033>
- Mittal, N., Bhawe, A. G., Mishra, A., & Singh, R. (2016). Impact of human intervention and climate change on natural flow regime. *Water Resources Management*, 30(2), 685–699.
<https://doi.org/10.1007/s11269-015-1185-6>
- Morrill, J. C., Bales, R. C., Asce, M., & Conklin, M. H. (2005). Estimating Stream Temperature from Air Temperature: Implications for Future Water Quality. *Journal of Environmental Engineering*, 131(1), 139–146. [https://doi.org/10.1061/\(ASCE\)0733-9372\(2005\)131:1\(139\)](https://doi.org/10.1061/(ASCE)0733-9372(2005)131:1(139))
- National Institute of Environmental Health Sciences [NIEHS]. (2019). Harmful Algal Blooms. Retrieved February 13, 2019, from <https://www.niehs.nih.gov/health/topics/agents/algal-blooms/index.cfm>
- National Oceanic and Atmospheric Administration [NOAA]. (2016). *National Water Model: Improving NOAA's Water Prediction Services*. Retrieved from <http://water.noaa.gov>.
- National Oceanic and Atmospheric Administration [NOAA]. (2018). *Tides & Currents*. Retrieved from <https://tidesandcurrents.noaa.gov/>
- National Water Quality Monitoring Council. (2018). *Water Quality Data*. Retrieved from <https://www.waterqualitydata.us/portal/>
- Needham, H. F., & Keim, B. D. (2019). A Storm Surge Database for the US Gulf Coast. *International Journal of Climatology*, pp. 2108–2123. <https://doi.org/10.1002/joc.2425>
- NOAA Regional Climate Center. (2018). *Applied Climate Information System*. Retrieved from <http://www.rcc-acis.org/index.html>
- Oki, T., & Kanae, S. (2006, August 25). Global hydrological cycles and world water resources. *Science*, Vol. 313, pp. 1068–1072. <https://doi.org/10.1126/science.1128845>

- Patino, E. (2014). *The Caloosahatchee River Estuary: A Monitoring Partnership Between Federal, State, and Local Governments, 2007-13*. <https://doi.org/10.5066/F70863BC>
- Perlman, H., & U.S. Geological Survey. (2018). Urbanization and the Hydrologic System. Retrieved February 13, 2019, from <https://water.usgs.gov/edu/urbaneffects.html>
- Rosenzweig. (2007). *Assessment of observed changes and responses in natural and managed systems*. <https://doi.org/10.5167/uzh-33180>
- Schuol, J., & Abbaspour, K. C. (2006). Calibration and uncertainty issues of a hydrological model (SWAT) applied to West Africa. *Advances in Geosciences*, 9, 137–143. Retrieved from <https://hal.archives-ouvertes.fr/hal-00296967/>
- Smart, R. ., Soulsby, C., Neal, C., Wade, A., Cresser, M. ., Billett, M. ., ... Owen, R. (1998). Factors regulating the spatial and temporal distribution of solute concentrations in a major river system in NE Scotland. *Science of The Total Environment*, 221(2–3), 93–110. [https://doi.org/10.1016/S0048-9697\(98\)00196-X](https://doi.org/10.1016/S0048-9697(98)00196-X)
- Soil Survey Staff, & Natural Resources Conservation Service [NRCS]. (2017). *Web Soil Survey*. Retrieved from <https://websoilsurvey.sc.egov.usda.gov/>
- South Florida Water Management District [SFWMD]. (n.d.). *Permits*. Retrieved from <https://www.sfwmd.gov/doing-business-with-us/permits>
- South Florida Water Management District [SFWMD]. (2011). *Arc Hydro Enhanced Database (AHED)*. Retrieved from https://www.sfwmd.gov/sites/default/files/documents/ahed_external_page.pdf
- South Florida Water Management District [SFWMD]. (2019). *AHED Waterbody*. Retrieved from <https://www.arcgis.com/sharing/rest/content/items/46a54d27c6bb4779bba9e87399eb343f/i>

nfo/metadata/metadata.xml?format=default&output=html

Southeast Aquatic Resources Partnership [SARP]. (2017). *Comprehensive Southeast Aquatic Barrier Inventory*. Retrieved from <http://www.southeastaquatics.net/sarps->

[programs/southeastaquatic-connectivity-assessment-program-seacap](http://www.southeastaquatics.net/sarps-programs/southeastaquatic-connectivity-assessment-program-seacap)

Tett, S. F. B., Betts, R., Crowley, T. J., Gregory, J., Johns, T. C., Jones, A., ... Woodage, M. J.

(2007). The impact of natural and anthropogenic forcings on climate and hydrology since 1550. *Climate Dynamics*, 28(1), 3–34. <https://doi.org/10.1007/s00382-006-0165-1>

Thom, T. A., K.J. Hunt, & J. Faustini. (2015). *Water Resource Inventory and Assessment: Lower Suwannee National Wildlife Refuge*. Retrieved from

<https://ecos.fws.gov/ServCat/DownloadFile/44772?Reference=44065>

Tritaik, P. (2010). *Ding Darling National Wildlife Refuge Complex Comprehensive Conservation Plan*. Retrieved from <http://www.fws.gov>

U.S. Army Corps of Engineers [USACE]. (2018). *National Inventory of Dams*. Retrieved from <https://nid.sec.usace.army.mil/ords/f?p=105:22:4110774495960::NO::>

U.S. Census Bureau, & U.S. Department of Commerce [USDC]. (2015). *State- Alabama- Primary and Secordary Roads*.

U.S. Environmental Protection Agency [EPA]. (2015). *303(d) Listed Impaired Waters NHDPlus Indexed Dataset with Program Attributes*. Retrieved from

<https://www.epa.gov/waterdata/waters-geospatial-data-downloads#303dListedImpairedWaters>

U.S. Environmental Protection Agency [EPA]. (2016). *EPA Facility Registry Service (FRS)- Wastewater Treatment Plants*. Retrieved from <https://catalog.data.gov/dataset/epa-facility-registry-service-frs-wastewater-treatment-plants>

- U.S. Environmental Protection Agency [EPA]. (2017). Water topics. Retrieved April 4, 2019, from United States Environmental Protection Agency website: <https://floridadep.gov/water-topics>
- U.S. Fish and Wildlife Service [USFWS]. (2011). The Information, Planning and Conservation System (IPaC System).
- U.S. Fish and Wildlife Service [USFWS]. (2013). *Water Resource Inventory and Assessment Cahaba River National Wildlife Refuge Water Resource Inventory and Assessment Cahaba River National Wildlife Refuge Bibb County , Alabama*. (December).
- U.S. Fish and Wildlife Service [USFWS]. (2015). *National Wetlands Inventory*. Retrieved from <http://www.fws.gov/wetlands/>
- U.S. Fish and Wildlife Service [USFWS]. (2018). *FWS Cadastral Database*.
- U.S. Geological Survey [USGS]. (2018). *National Water Information System (NWIS)*. Retrieved from <https://nwis.waterdata.usgs.gov/nwis>
- United States Geological Survey [USGS]. (n.d.). *3DEP Product*.
- United States Geological Survey [USGS]. (1946). *Physiographic divisions of the conterminous U.S.*
- United States Geological Survey [USGS]. (2003). *Principal Aquifers of the United States*.
- United States Geological Survey [USGS]. (2009). *GMNA Resources*.
- United States Geological Survey [USGS]. (2013a). National Hydrography Geodatabase. In *The National Map Viewer available on the World Wide Web* (<http://viewer.nationalmap.gov/viewer/nhd.html?p=nhd>), accessed October 2015.
- United States Geological Survey [USGS]. (2013b). *Watershed Boundary Database*.

- United States Geological Survey [USGS]. (2014). *NLCD 2011 Land Cover (2011 Edition, amended 2014) - National Geospatial Data Asset (NGDA) Land Use Land Cover*.
- United States Geological Survey [USGS]. (2018). National Water Information System (NWIS).
- Volk, M. I., Hctor, T. S., Nettles, B. B., Hilsenbeck, R., Putz, F. E., & Oetting, J. Florida Land Use and Land Cover Change in the Past 100 Years. , Florida's Climate: Changes, Variations, & Impacts § (2017).
- Vorosmarty, C., Askew, A., Grabs, W., Barry, R. G., Birkett, C., Doll, P., ... Webster, F. (2001). Global water data: A newly endangered species. *Eos, Transactions American Geophysical Union*, 82(5), 54–54. <https://doi.org/10.1029/01EO00031>
- Vörösmarty, C. J., Green, P., Salisbury, J., & Lammers, R. B. (2000). Global water resources: Vulnerability from climate change and population growth. *Science*, 289(5477), 284–288. <https://doi.org/10.1126/science.289.5477.284>
- Wear, D. N., Turner, M. G., & Naiman, R. J. (1998). LAND COVER ALONG AN URBAN–RURAL GRADIENT: IMPLICATIONS FOR WATER QUALITY. *Ecological Applications*, 8(3), 619–630. [https://doi.org/10.1890/1051-0761\(1998\)008\[0619:LCAAUR\]2.0.CO;2](https://doi.org/10.1890/1051-0761(1998)008[0619:LCAAUR]2.0.CO;2)
- White, K. L., & Chaubey, I. (2005). SENSITIVITY ANALYSIS, CALIBRATION, AND VALIDATIONS FOR A MULTISITE AND MULTIVARIABLE SWAT MODEL. *Journal of the American Water Resources Association*, 41(5), 1077–1089. <https://doi.org/10.1111/j.1752-1688.2005.tb03786.x>
- Wittemyer, G., Elsen, P., Bean, W. T., Burton, A. C. O., & Brashares, J. S. (2008). Accelerated human population growth at protected area edges. *Science*, 321(5885), 123–126. <https://doi.org/10.1126/science.1158900>

APPENDIX A

EXPANDED DATA RECORDS TABLE

Table A- 1. Geographic information sources.

Data	Region	Year	Website	Agency
Aquifers	National	2003	https://water.usgs.gov/ogw/aquifer/map.html	USGS
Canals	District	2018	http://geo-sfwmd.opendata.arcgis.com/datasets/6f1d42518e914834b0c7fc6a0a42f0b0_0	SFWMD
Dams	National	2017	Per request from the SARP	National Inventory of Dams, USACE, SARP
Geology	National	2009	https://ngmdb.usgs.gov/gmna/#gmnaGeo	USGS GMNA Resource
Hydrography (Streams/Rivers, Lakes/Ponds, Canal/Ditch, Spring/Seep, Streamgages, Wells)	National	2017	https://viewer.nationalmap.gov/basic/#productSearch	NHD
Impaired Waters	National	2015	https://www.epa.gov/waterdata/waters-geospatial-data-downloads#303dListedImpairedWaters	EPA
Impoundments	District	2016	https://geo-sfwmd.opendata.arcgis.com/datasets/above-ground-impoundments	SFWMD
Landscape Conservation Cooperatives	National	2015	https://catalog.data.gov/dataset/landscape-conservation-cooperatives	USFWS
Major Land Resource Area	National	2006	https://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/home/?cid=nrcs142p2_053624	USDA
NPDES (National Pollutant Discharge Elimination System)	National	2016	https://catalog.data.gov/dataset/epa-facility-registry-service-frs-wastewater-treatment-plants	EPA
Physiographic Regions	National	1946	https://water.usgs.gov/GIS/metadata/usgswrd/XML/physio.xml	USGS
Roads	Florida	2015	https://catalog.data.gov/dataset/tiger-line-shapefile-2015-state-florida-primary-and-secondary-roads-state-based-shapefile	US Census Bureau, Department of Commerce

Data	Region	Year	Website	Agency
Soils	Florida	2006	https://www.nrcs.usda.gov/wps/portal/nrcs/main/fl/soils/	MLRA
Streamgages	National	2013	http://nationalatlas.gov/atlasftp-1m.html	The National Map: USGS
Streams	National	2012	http://nationalatlas.gov/atlasftp-1m.html	The National Map: USGS
Structures	District	2018	https://geo-sfwmd.opendata.arcgis.com/datasets/31bb6ecfc9e74a0ab048d087c97f1a5c_0	SFWMD
Storm Surges	Regional	2012	http://surge.srcc.lsu.edu/data.html#GOM_DB	NOAA
Tidal Gauges	National	2018	https://tidesandcurrents.noaa.gov/waterlevels.html?id=8725520&units=standard&bdate=20010101&edate=20190604&timezone=GMT&datum=NAVD&interval=m&action=	NOAA
The National Elevation Dataset	National	2014	https://nationalmap.gov/small_scale/mld/gmelev.html	USGS
Water Monitoring Stations	National	2018	https://www.waterqualitydata.us/portal/	USGS
Waterbodies	National	2012	http://nationalatlas.gov/atlasftp-1m.html	The National Map: USGS
	District	2018	https://geo-sfwmd.opendata.arcgis.com/datasets/ahed-waterbodies	SFWMD
Wetlands	National	2016	https://www.fws.gov/wetlands/data/State-Downloads.html	FWS

Table A- 2. Other data sources.

Data	Region	Frequency of Data	Website	Agency
Climate Station Data	National	Daily	ftp://ftp.ncdc.noaa.gov/pub/data/ghcn/daily/	NOAA
Groundwater wells	National	Sporadic	https://waterdata.usgs.gov/nwis	USGS
Groundwater wells	National	Sporadic	https://www.waterqualitydata.us/portal/	All State and Federal
Streamgage quantity and quality	National	Daily Sporadic	https://waterdata.usgs.gov/nwis	USGS
Surface water quality	National	Sporadic	https://www.waterqualitydata.us/portal/	All State and Federal

Table A- 3. Commonly used acronyms.

Acronym	Meaning
AB	Acquisition Boundary

AHED	Arc Hydro Advanced Database
BCC	Birds of Conservation Concern
BCR	Bird Conservation Region
BMAP	Basin Management Plan
CON	Continental
CWA	Clean Water Act
EPA	Environmental Protection Agency
FDEP	Florida Department of Environmental Protection
HCN	Historical Climatology Network
HUC	Hydrologic Unit Code
IPaC	Information for Planning and Consultation
LCC	Landscape Conservation Cooperative
MFL	Minimum Flows and Levels
MHWL	Mean High Water Line
NHD	National Hydrography Dataset
NID	National Inventory of Dams
NOAA	National Oceanic and Atmospheric Administration
NPDES	National Pollutant Discharge Elimination System
NRCS	Natural Resources Conservation Service
NWBD	National Watershed Boundary Database
NWI	National Wetlands Inventory
NWR	National Wildlife Refuge
NWRS	National Wildlife Refuge System
OHWL	Ordinary High-Water Line
RHI	Region of Hydrologic Influence
SARP	Southeast Aquatic Resources Partnership
SCIPP	Southern Climate Impacts Planning Program
SDWA	Safe Drinking Water Act
SFWMD	South Florida Water Management District
TDML	Total Maximum Daily Load
USFWS	United States Fish & Wildlife Service
USGS	United States Geologic Survey
WQP	Water Quality Portal
WRIA	Water Resource Inventory and Assessment

APPENDIX B

WATER MONITORING STATIONS

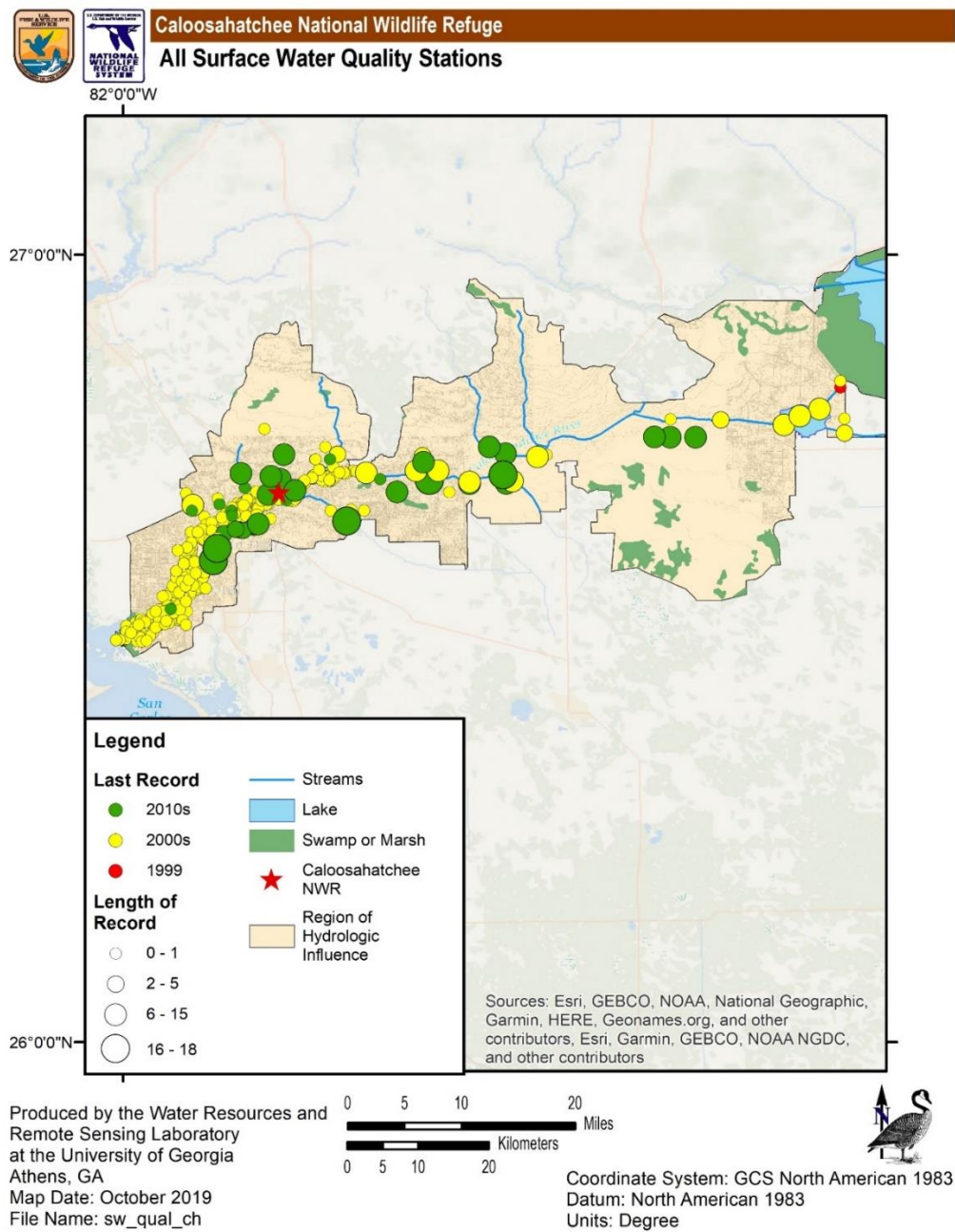
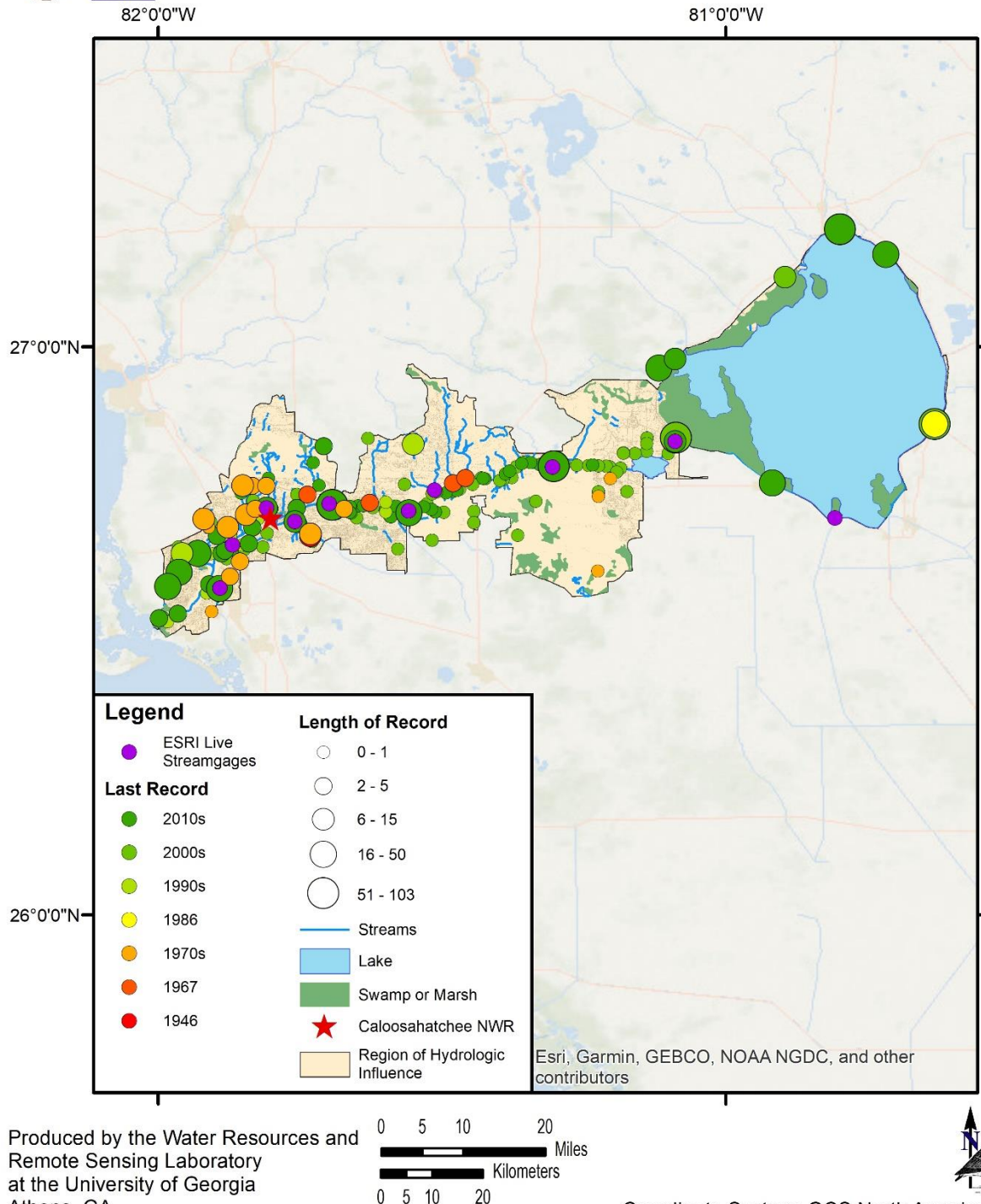


Figure A- 1. All surface water quality stations in the Region of Hydrologic Influence. Source: (USGS, 2018; National Water Quality Monitoring Council, 2018).



Caloosahatchee National Wildlife Refuge

All Streamgage Stations



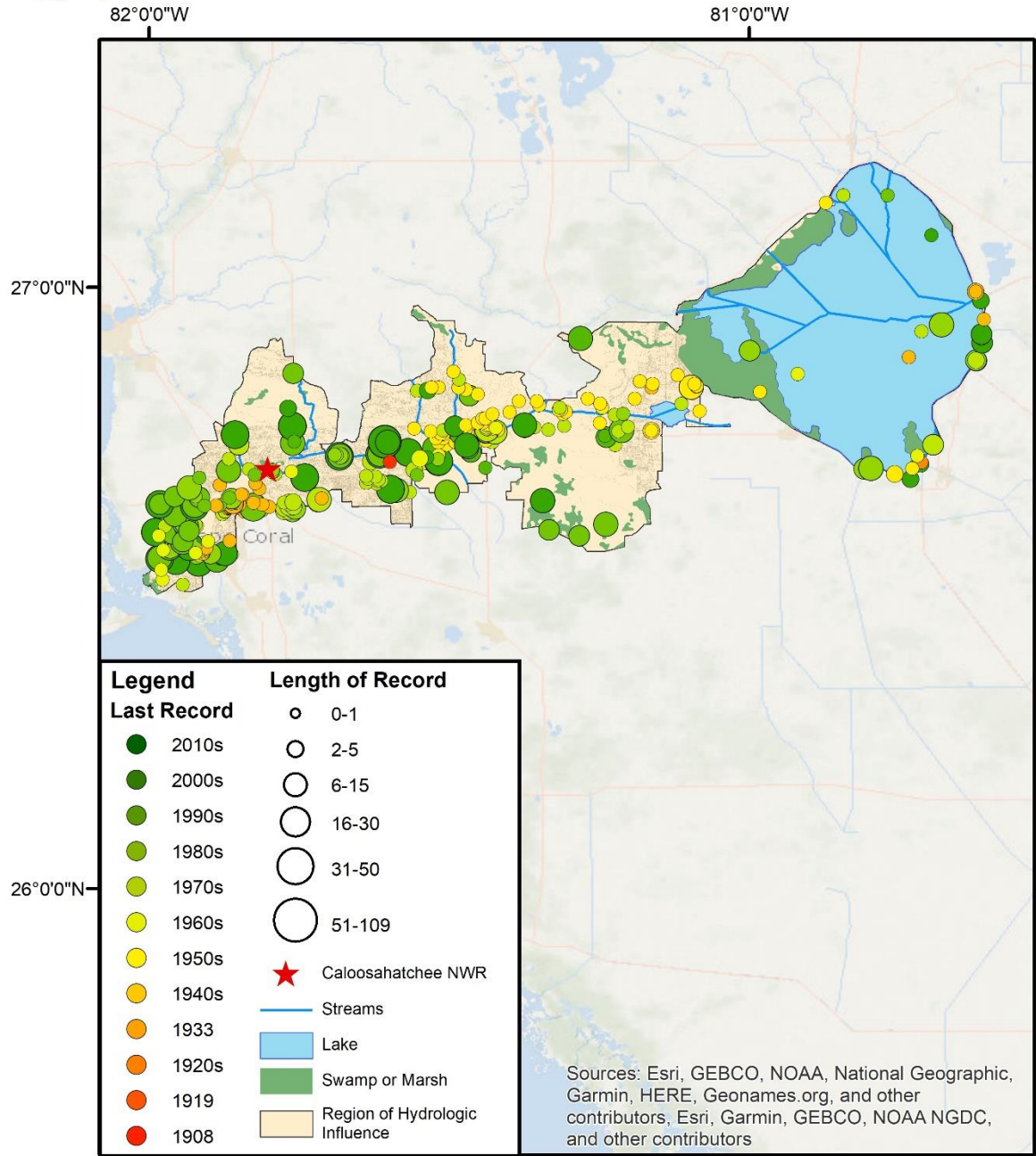
Produced by the Water Resources and Remote Sensing Laboratory at the University of Georgia Athens, GA
Map Date: October 2019
File Name: sw_quant_ch

Figure A- 2. All surface water quantity stations in the Region of Hydrologic Influence. Source: (USGS, 2018; National Water Quality Monitoring Council, 2018).



Caloosahatchee National Wildlife Refuge

All Groundwater Quality Stations



Produced by the Water Resources and Remote Sensing Laboratory at the University of Georgia
Athens, GA
Map Date: October 2019
File Name: gw_qual_ch



Coordinate System: GCS North American 1983
Datum: North American 1983
Units: Degree



Figure A- 3. All groundwater quality stations in the Region of Hydrologic Influence. Source: (USGS, 2018; National Water Quality Monitoring Council, 2018).



Caloosahatchee National Wildlife Refuge

All Groundwater Quantity Stations

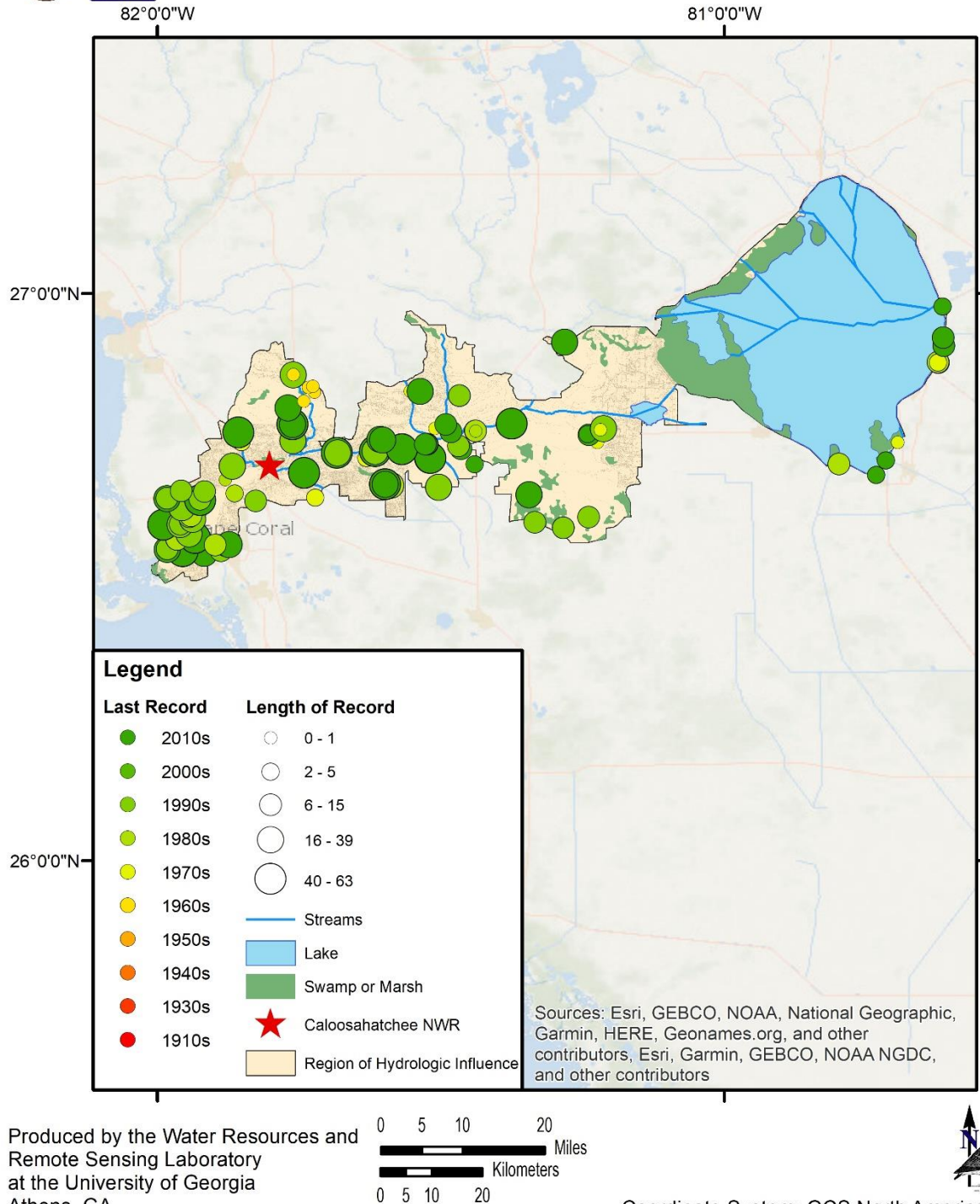


Figure A- 4. All groundwater quantity stations in the Region of Hydrologic Influence. Source: (USGS, 2018; National Water Quality Monitoring Council, 2018).

REAL-TIME DATA STATIONS

Table A- 4. All stations with real-time data. Source: (USGS, 2018; National Water Quality Monitoring Council, 2018).

Agency	Site Number	Station Name	Type	Start Date	End Date	Count	Latitude	Longitude	Active/ Inactive
USGS	02257000	FISHEATING CREEK AT LAKEPORT, FL	Discharge, cubic feet per second	5/9/1997	4/2/2019	7882	26.96255665	-81.11784588	A
			Gage height, feet	6/22/1993	4/2/2019	8845			
USGS	02257030	FISHEATING LOCK AT S-131 NEAR LAKEPORT, FL	Discharge, cubic feet per second	1/20/2001	9/29/2011	3760	26.9783892	-81.089234	I
			Gage height, feet	1993-05-26	2011-09-29	6659			
USGS	02259627	BUCKHEAD LOCK AT S-127 NR OKEECHOBEE, FL	Discharge, cubic feet per second	2001-01-19	2011-09-29	3816	27.12199467	-80.8953402	I
			Gage height, feet	1993-05-26	2011-09-29	6527			
USGS	02275503	TAYLOR CREEK AT HGS-6 NEAR OKEECHOBEE, FL	Discharge, cubic feet per second	1992-09-12	2011-09-29	6460	27.20666667	-80.7980556	I
			Gage height, feet	1991-10-02	2011-09-29	6926			
USGS	02275705	HENRY CREEK AT HENRY CRK LOCK NR SHERMAN	Discharge, cubic feet per second	1993-01-27	2011-09-29	6393	27.1625488	-80.717558	I
			Gage height, feet	1991-08-01	2011-09-29	6959			
USGS	02292010	CALOOSAHATCH EE CANAL DWS OF S-77 AT MOORE HAVEN FL	Discharge, cubic feet per second	2008-05-19	2019-04-02	3962	26.83333333	-81.08888889	A
			Gage height, feet - shaft encoder	2008-05-19	2019-04-02	3927			
USGS	02292780	TOWNSEND CANAL NEAR ALVA, FL	Discharge, cubic feet per second	1985-09-30	1992-09-29	1800	26.70775278	-81.5580361	A
			Gage height, feet	1987-09-30	1995-07-28	1538			
USGS	02292900	CALOOSAHATCH EE RIVER AT S-79, NR. OLGA, FLA	Temperature	2014-05-01	2019-04-02	5369	26.72173487	-81.69313699	A
			Discharge, cubic feet per second	1966-05-01	2019-04-02	19203			
			Gage height, feet	1969-10-01	2014-10-25	16428			

Agency	Site Number	Station Name	Type	Start Date	End Date	Count	Latitude	Longitude	Active/ Inactive
			Gage height, feet	1969-10-01	2014-10-25	11806			
			Gage height, feet	1998-09-16	2019-04-02	10094			
			Gage height, feet	1998-10-01	2004-03-28	1548			
			Gage height, feet - - USACE UPS	1998-10-01	2019-04-02	7244			
			Specific conductance	2014-05-01	2019-04-02	5368			
			Dissolved organic matter fluorescence (fDOM)	2014-05-01	2019-04-02	1778			
			Turbidity	2014-05-01	2019-04-02	5298			
			Nitrate plus nitrite	2014-12-23	2019-04-02	4410			
USGS	02293055	ORANGE RIVER NEAR BUCKINGHAM, FL	Temperature	2007-11-22	2010-09-29	1985	26.69194444	-81.7594444	A
			Temperature	2007-11-22	2010-09-29	2084			
			Gage height, feet	2007-11-22	2019-04-02	4304			
			Salinity	2007-11-22	2010-09-29	2020			
			Salinity	2007-11-22	2010-09-29	2083			
USGS	02293090	Popash Creek at Leetana Rd. nr North Fort Myers, FL	Gage height, feet	2007-12-27	2019-04-02	4121	26.71571667	-81.8086667	I
USGS	02293202	CALOOSAHATCH EE RIVER AT FORT MYERS FL	Gage height	9/15/2016	4/3/2019	NA	26.65106089	-81.8689416	A
USGS	02293214	MEADE CANAL AT CAPE CORAL,	Discharge, cubic feet per second	1986-11-19	2013-04-30	9660	26.6364617	-81.9298099	I

Agency	Site Number	Station Name	Type	Start Date	End Date	Count	Latitude	Longitude	Active/ Inactive
USGS	02293230	FL WHISKEY CREEK AT FT. MYERS, FL	Gage height, feet	1986-11-19	2013-04-30	9502	26.57488889	-81.89188889	A
			Discharge, cubic feet per second	1994-04-13	2019-04-02	9036			
			Gage height, feet	1994-04-13	2019-04-02	9025			
USGS	02293241	SAN CARLOS CANAL AT CAPE CORAL, FL	Discharge, cubic feet per second	1986-11-19	2013-04-03	9633	26.60340765	-81.9631443	I
			Gage height, feet	1986-11-19	2013-04-03	9401			
USGS	02293243	COURTNEY CANAL AT CAPE CORAL, FL	Discharge, cubic feet per second	1986-11-18	2013-07-31	9753	26.57813097	-81.983145	I
			Gage height, feet	1986-11-18	2013-07-31	9309			
USGS	26332308 1522401	L - 742	Groundwater level	1973-10-01	2019-04-02	15989	26.55757597	-81.87314219	A
			Groundwater level	1968-10-31	1973-09-30	298			
USGS	26353208 1592201	L - 581	Groundwater level	1973-10-01	2019-04-02	16344	26.59255556	-81.9890556	A
USGS	26381308 1552801	L -2640	Groundwater level	1997-09-03	2019-03-12	7571	26.63590617	-81.9241153	A
USGS	26381908 1585801	L -2701	Groundwater level	1978-10-01	2019-03-12	14082	26.6389618	-81.982589	A
USGS	26383908 1203901	HE -1077	Groundwater level	2002-09-07	2019-01-29	5460	26.64534757	-81.3439632	A
USGS	26384008 1203901	HE -1076	Groundwater level	2003-05-15	2019-01-29	5360	26.64534757	-81.3439632	A
USGS	26385008 1365401	L - 727	Groundwater level	1973-10-01	2018-10-31	15898	26.663959	-81.5978574	A
USGS	26410108 1443001	L - 652	Groundwater level	2002-10-02	2012-10-25	3490	26.68368119	-81.7406381	I
USGS	26423508 1310601	HE - 557	Groundwater level	2003-05-14	2019-01-28	5591	26.71006784	-81.5181333	A
USGS	26423508 1310602	HE - 558	Groundwater level	1977-10-01	2019-01-28	10360	26.7103456	-81.5175778	A

Agency	Site Number	Station Name	Type	Start Date	End Date	Count	Latitude	Longitude	Active/ Inactive
USGS	26451408 0550700	INDUSTRIAL CANAL AT CLEWISTON	Discharge, cubic feet per second	1976-08-24	2019-04- 02	14173	26.76075867	-80.9179804	A
			Gage height, feet	1976-08-24	2019-04- 02	15398			
USGS	26462308 1213601	HE - 517	Groundwater level	1977-02-01	2018-10- 24	14368	26.77089836	-81.3742411	A
USGS	26475508 1460801	CH - 323	Groundwater level	2001-05-16	2018-10- 30	6302	26.7986111	-81.76888889	A
USGS	26475508 1460802	CH - 324	Groundwater level	2001-05-16	2018-10- 30	6269	26.7986111	-81.76888889	A
USGS	26485808 1504100	SR-6 AT CECIL WEBB NEAR NORTH FT. MYERS, FL	Stream water level elevation	2011-08-17	2014-08- 26	2206	26.81619444	-81.8447222	I
USGS	26494108 1321301	GL - 328	Groundwater level	2000-06-01	2019-02- 25	6770	26.82805556	-81.5361111	A
USGS	26540508 0472100	LZ40	NA	NA	NA	NA	26.90172485	-80.788949	I

SURFACE WATER QUANTITY

Table A- 5. All surface water quantity stations within the Region of Hydrologic Influence. Source: (USGS, 2018; National Water Quality Monitoring Council, 2018).

Site Number	Station Name	Site Type	Start Date	End Date	Count	Latitude	Longitude
21FLCOFM_WQX-CFMBASIN	N end of SW Basin, Downtown FM, approx. mid pond	Estuary	1/9/2013	12/14/2016	43	26.646286	-81.871775
21FLEECO_WQX-DEEPGR10	Deep Lagoon McGregor	River/Stream	1/20/2009	12/12/2017	106	26.539153	81.918514
21FLEECO_WQX-DEEPGR50	Deep Lagoon Gladiolus	River/Stream	1/20/2009	12/12/2017	102	26.518467	81.923533
21FLEECO_WQX-DEEPGR90	Deep Lagoon Summerlin	River/Stream	1/20/2009	12/12/2017	95	26.497913	81.920118
21FLFTM_WQX-270-GR20	Owl Creek @ SR 78 - WB 3240N	River/Stream	9/5/2007	12/4/2007	12	26.7400555	-81.755527
21FLFTM_WQX-28020035	YELLOW FEVER CR SR 78 BR W FT MY	River/Stream	9/5/2007	12/4/2007	12	26.681929	-81.910921
21FLFTM_WQX-28020038	POPASH CR SR 78 BR NE FT MYERS L	River/Stream	8/14/2007	8/14/2007	1	26.7147222	-81.8091667
21FLFTM_WQX-28020039	STROUD CR SR 78 BR NE OF NORTH F	River/Stream	8/14/2007	12/4/2007	13	26.714881	-81.799788
21FLFTM_WQX-28020249FTM	Manuel's Branch upstream of the weir near the school/park	River/Stream	9/5/2007	12/4/2007	12	26.6269697	-81.8798961
21FLFTM_WQX-28020337FTM	YELLOW FEVER CREEK SR 78	River/Stream	8/14/2007	8/14/2007	1	26.6814166	-81.9100555
21FLFTM_WQX-POWLGR20	Powell Creek @ Bayshore - WB 3240L	River/Stream	8/14/2007	12/4/2007	13	26.68275	-81.877416
21FLGW_WQX-29396	SF3-LR-2026 CALOOSAHATCHEE RIVER	River/Stream	5/10/2006	5/10/2006	1	26.721758	-81.688805
21FLGW_WQX-29397	SF3-LR-2007 CALOOSAHATCHEE RIVER	River/Stream	5/10/2006	5/10/2006	1	26.7192352	-81.67786
21FLGW_WQX-29398	SF3-LR-2016 CALOOSAHATCHEE RIVER	River/Stream	5/10/2006	5/10/2006	1	26.719475	-81.649087
21FLGW_WQX-29399	SF3-LR-2005 CALOOSAHATCHEE RIVER	River/Stream	5/11/2006	5/11/2006	1	26.7164677	-81.622116
21FLGW_WQX-29400	SF3-LR-2021 CALOOSAHATCHEE RIVER	River/Stream	5/11/2006	5/11/2006	1	26.7169472	-81.585448
21FLGW_WQX-29401	SF3-LR-2002 CALOOSAHATCHEE RIVER	River/Stream	5/11/2006	5/11/2006	1	26.7182202	-81.583034

Site Number	Station Name	Site Type	Start Date	End Date	Count	Latitude	Longitude
21FLGW_WQX-29402	SF3-LR-2009 CALOOSAHATCHEE RIVER	River/Stream	5/15/2006	5/15/2006	1	26.7691233	-81.430938
21FLGW_WQX-29403	SF3-LR-2014 CALOOSAHATCHEE RIVER	River/Stream	5/15/2006	5/15/2006	1	26.7680708	-81.426208
21FLGW_WQX-29404	SF3-LR-2027 CALOOSAHATCHEE RIVER	River/Stream	5/17/2006	5/17/2006	1	26.7231747	-81.52661
21FLGW_WQX-29405	SF3-LR-2008 CALOOSAHATCHEE RIVER	River/Stream	5/17/2006	5/17/2006	1	26.7409222	-81.517742
21FLGW_WQX-29406	SF3-LR-2013 CALOOSAHATCHEE RIVER	River/Stream	5/17/2006	5/17/2006	1	26.7449697	-81.48804
21FLGW_WQX-29407	SF3-LR-2022 CALOOSAHATCHEE RIVER	River/Stream	5/18/2006	5/18/2006	1	26.7491519	-81.469178
21FLGW_WQX-29408	SF3-LR-2004 CALOOSAHATCHEE RIVER	River/Stream	5/18/2006	5/18/2006	1	26.7660827	-81.452161
21FLGW_WQX-29409	SF3-LR-2023 CALOOSAHATCHEE RIVER	River/Stream	5/18/2006	5/18/2006	1	26.7771158	-81.386849
21FLGW_WQX-29410	SF3-LR-2006 CALOOSAHATCHEE RIVER	River/Stream	5/25/2006	5/25/2006	1	26.8287347	-81.092176
21FLGW_WQX-29411	SF3-LR-2011 C-19	River/Stream	5/30/2006	5/30/2006	1	26.8392752	-81.139075
21FLGW_WQX-29412	SF3-LR-2020 C-19	River/Stream	5/30/2006	5/30/2006	1	26.816068	-81.139375
21FLGW_WQX-29413	SF3-LR-2001 C-19	River/Stream	5/30/2006	5/30/2006	1	26.8298775	-81.139285
21FLGW_WQX-29414	SF3-LR-2018 CALOOSAHATCHEE RIVER	River/Stream	5/31/2006	5/31/2006	1	26.7885311	-81.369119
21FLGW_WQX-29415	SF3-LR-2029 CALOOSAHATCHEE RIVER	River/Stream	5/31/2006	5/31/2006	1	26.7965219	-81.356399
21FLGW_WQX-29416	SF3-LR-2017 CALOOSAHATCHEE RIVER	River/Stream	6/1/2006	6/1/2006	1	26.7932236	-81.2847
21FLGW_WQX-29417	SF3-LR-2003 CALOOSAHATCHEE RIVER	River/Stream	6/1/2006	6/1/2006	1	26.79121	-81.262607
21FLGW_WQX-29418	SF3-LR-2015 CALOOSAHATCHEE RIVER	River/Stream	6/14/2006	6/14/2006	1	26.7863336	-81.18566
21FLGW_WQX-29419	SF3-LR-2019 CALOOSAHATCHEE RIVER	River/Stream	6/15/2006	6/15/2006	1	26.788773	-81.204703
21FLGW_WQX-29420	SF3-LR-2030 CALOOSAHATCHEE RIVER	River/Stream	6/15/2006	6/15/2006	1	26.7895172	-81.210735

Site Number	Station Name	Site Type	Start Date	End Date	Count	Latitude	Longitude
21FLGW_WQX-29421	SF3-LR-2024 CALOOSAHATCHEE RIVER	River/Stream	6/22/2006	6/22/2006	1	26.7907311	-81.241491
21FLGW_WQX-29422	SF3-LR-2010 CALOOSAHATCHEE RIVER	River/Stream	6/22/2006	6/22/2006	1	26.7902308	-81.224367
21FLGW_WQX-29423	SF3-LR-2012 CALOOSAHATCHEE RIVER	River/Stream	5/11/2006	5/11/2006	1	26.7156225	-81.556768
21FLGW_WQX-29424	SF3-LR-2025 CALOOSAHATCHEE RIVER	River/Stream	5/25/2006	5/25/2006	1	26.8314197	-81.089791
21FLGW_WQX-29425	SF3-LR-2028 CALOOSAHATCHEE RIVER	River/Stream	6/14/2006	6/14/2006	1	26.7926022	-81.325756
21FLGW_WQX-30419	SF3-SS-2020 UNNAMED SMALL STREAM	River/Stream	8/7/2006	8/7/2006	1	26.7577255	-81.566148
21FLGW_WQX-30420	SF3-SS-2029 UNNAMED SMALL STREAM	River/Stream	8/8/2006	8/8/2006	1	26.7293733	-81.83266
21FLGW_WQX-30421	SF3-SS-2012 UNNAMED SMALL STREAM	River/Stream	8/8/2006	8/8/2006	1	26.6715852	-81.808344
21FLGW_WQX-30422	SF3-SS-2030 UNNAMED SMALL STREAM	River/Stream	8/8/2006	8/8/2006	1	26.6912747	-81.907701
21FLGW_WQX-30423	SF3-SS-2040 UNNAMED SMALL STREAM	River/Stream	8/14/2006	8/14/2006	1	26.8118622	-81.159698
21FLGW_WQX-30424	SF3-SS-2049 UNNAMED SMALL STREAM	River/Stream	8/14/2006	8/14/2006	1	26.8264447	-81.098883
21FLGW_WQX-30425	SF3-SS-2019 UNNAMED SMALL STREAM	River/Stream	8/14/2006	8/14/2006	1	26.8118497	-81.101848
21FLGW_WQX-30426	SF3-SS-2036 UNNAMED SMALL STREAM	River/Stream	8/15/2006	8/15/2006	1	26.7102061	-81.02324
21FLGW_WQX-30427	SF3-SS-2011 UNNAMED SMALL STREAM	River/Stream	8/15/2006	8/15/2006	1	26.7794119	-81.192631
21FLGW_WQX-30428	SF3-SS-2027 UNNAMED SMALL STREAM	River/Stream	8/15/2006	8/15/2006	1	26.7083177	-81.496976
21FLGW_WQX-30429	SF3-SS-2033 UNNAMED SMALL STREAM	River/Stream	8/16/2006	8/16/2006	1	26.7279108	-81.334548
21FLGW_WQX-30430	SF3-SS-2052 UNNAMED SMALL STREAM	River/Stream	8/16/2006	8/16/2006	1	26.7101802	-81.444119
21FLGW_WQX-30431	SF3-SS-2005 UNNAMED SMALL STREAM	River/Stream	8/16/2006	8/16/2006	1	26.628428	-81.626321
21FLGW_WQX-30432	SF3-SS-2056 UNNAMED SMALL STREAM	River/Stream	8/17/2006	8/17/2006	1	26.6472127	-81.81587

Site Number	Station Name	Site Type	Start Date	End Date	Count	Latitude	Longitude
21FLGW_WQX-30433	SF3-SS-2054 UNNAMED SMALL STREAM	River/Stream	8/17/2006	8/17/2006	1	26.6986941	-81.650895
21FLGW_WQX-30434	SF3-SS-2048 UNNAMED SMALL STREAM	River/Stream	8/23/2006	8/23/2006	1	26.5854402	-81.585423
21FLGW_WQX-30435	SF3-SS-2058 UNNAMED SMALL STREAM	River/Stream	8/23/2006	8/23/2006	1	26.668268	-81.367008
21FLGW_WQX-30436	SF3-SS-2043 UNNAMED SMALL STREAM	River/Stream	8/28/2006	8/28/2006	1	26.6476975	-81.964866
21FLGW_WQX-30439	SF3-SS-2041 UNNAMED SMALL STREAM	River/Stream	8/29/2006	8/29/2006	1	26.8386261	-81.630907
21FLGW_WQX-30440	SF3-SS-2035 UNNAMED SMALL STREAM	River/Stream	8/31/2006	8/31/2006	1	26.7574486	-81.446354
21FLGW_WQX-30441	SF3-SS-2061 UNNAMED SMALL STREAM	River/Stream	8/31/2006	8/31/2006	1	26.659345	-81.517429
21FLGW_WQX-30442	SF3-SS-2045 UNNAMED SMALL STREAM	River/Stream	9/25/2006	9/25/2006	1	26.7011211	-81.591759
21FLGW_WQX-30443	SF3-SS-2064 UNNAMED SMALL STREAM	River/Stream	9/25/2006	9/25/2006	1	26.6440083	-81.577936
21FLGW_WQX-30444	SF3-SS-2074 UNNAMED SMALL STREAM	River/Stream	9/26/2006	9/26/2006	1	26.6433897	-81.848336
21FLGW_WQX-30445	SF3-SS-2084 UNNAMED SMALL STREAM	River/Stream	9/26/2006	9/26/2006	1	26.621555	-81.968513
21FLGW_WQX-30446	SF3-SS-2073 UNNAMED SMALL STREAM	River/Stream	9/27/2006	9/27/2006	1	26.7451441	-81.174201
21FLGW_WQX-30447	SF3-SS-2038 UNNAMED SMALL STREAM	River/Stream	9/28/2006	9/28/2006	1	26.7443683	-81.224306
21FLGW_WQX-30448	SF3-SS-2070 UNNAMED SMALL STREAM	River/Stream	9/27/2006	9/27/2006	1	26.5593916	-81.463702
21FLGW_WQX-30449	SF3-SL-2149 UNNAMED SMALL LAKE	Lake	7/12/2006	7/12/2006	1	26.769758	-81.376772
21FLGW_WQX-30450	SF3-SL-2103 UNNAMED SMALL LAKE	Lake	7/12/2006	7/12/2006	1	26.7661272	-81.392745
21FLGW_WQX-30452	SF3-SL-2046 UNNAMED SMALL LAKE	Lake	7/12/2006	7/17/2006	2	26.7644527	-81.398147
21FLGW_WQX-30459	SF3-SS-2038B UNNAMED SMALL STREEM	River/Stream	8/7/2006	8/7/2006	1	26.7444358	-81.224397
21FLGW_WQX-35025	SF5-LR-2026 L-25	River/Stream	7/14/2008	7/14/2008	1	26.6933105	-80.807183

Site Number	Station Name	Site Type	Start Date	End Date	Count	Latitude	Longitude
21FLGW_WQX-35335	SF5-SS-2068 UNNAMED SMALL STREAM	River/Stream	9/29/2008	9/29/2008	1	26.779873	-80.981638
21FLGW_WQX-3568	CALOOSA HATCHEE RIVER	River/Stream	10/17/2000	7/5/2017	184	26.72120567	81.69324806
21FLGW_WQX-37412	Z5-SS-3009 UNNAMED SMALL STREAM	River/Stream	5/4/2009	5/4/2009	1	26.6465155	-81.482951
21FLGW_WQX-37413	Z5-SS-3012 UNNAMED SMALL STREAM	River/Stream	5/13/2009	5/13/2009	1	26.812845	-81.18045
21FLGW_WQX-37416	Z5-SS-3028 UNNAMED SMALL STREAM	River/Stream	5/19/2009	5/19/2009	1	26.8116925	-81.050158
21FLGW_WQX-37417	Z5-SS-3041 UNNAMED SMALL STREAM	River/Stream	5/21/2009	5/21/2009	1	26.6902683	-81.444054
21FLGW_WQX-38082	Z5-SS-3009R UNNAMED SMALL STREAM	River/Stream	11/2/2009	11/2/2009	1	26.6465236	-81.482962
21FLGW_WQX-38084	Z5-SS-3012R UNNAMED SMALL STREAM	River/Stream	11/4/2009	11/4/2009	1	26.8127122	-81.180489
21FLGW_WQX-38086	Z5-SS-3028R UNNAMED SMALL STREAM	River/Stream	11/4/2009	11/4/2009	1	26.8117597	-81.050165
21FLGW_WQX-38087	Z5-SS-3041R UNNAMED SMALL STREAM	River/Stream	11/2/2009	11/2/2009	1	26.690283	-81.444095
21FLGW_WQX-38570	Z5-SS-4008 TELEGRAPH CREEK	River/Stream	5/4/2010	5/4/2010	1	26.7339466	-81.692768
21FLGW_WQX-38574	Z5-SS-4056 BEDMAN CREEK	River/Stream	5/26/2010	5/26/2010	1	26.7005655	-81.590199
21FLGW_WQX-39520	Z5-SS-4008R TELEGRAPH CREEK	River/Stream	11/2/2010	11/2/2010	1	26.7317611	-81.698262
21FLGW_WQX-39523	Z5-SS-4056R BEDMAN CREEK	River/Stream	11/17/2010	11/17/2010	1	26.700578	-81.590176
21FLGW_WQX-40151	Z5-SS-5024 ORANGE RIVER	River/Stream	5/12/2011	5/12/2011	1	26.6888941	-81.749
21FLGW_WQX-40154	Z5-SS-5048 FORT SIMMONS BRANCH	River/Stream	5/18/2011	5/18/2011	1	26.7089038	-81.511847
21FLGW_WQX-40159	Z5-SS-5092 FORT SIMMONS BRANCH	River/Stream	5/26/2011	5/26/2011	1	26.7139425	-81.518799
21FLGW_WQX-41040	Z5-SS-5024R ORANGE RIVER	River/Stream	11/29/2011	11/29/2011	1	26.6889019	-81.748996
21FLGW_WQX-41043	Z5-SS-5048R FORT SIMMONS BRANCH	River/Stream	11/28/2011	11/28/2011	1	26.70889	-81.511829

Site Number	Station Name	Site Type	Start Date	End Date	Count	Latitude	Longitude
21FLGW_WQX-41048	Z5-SS-5092R FORT SIMMONS BRANCH	River/Stream	11/28/2011	11/28/2011	1	26.7139319	-81.51878
21FLGW_WQX-42161	Z5-LR-6005 CALOOSAHATCHEE RIVER	River/Stream	5/7/2012	5/7/2012	1	26.7200552	-81.648016
21FLGW_WQX-42164	Z5-LR-6009 CALOOSAHATCHEE RIVER	River/Stream	5/7/2012	5/7/2012	1	26.7212772	-81.683673
21FLGW_WQX-42165	Z5-LR-6010 CALOOSAHATCHEE RIVER	River/Stream	5/16/2012	5/16/2012	1	26.7673144	-81.424336
21FLGW_WQX-42173	Z5-LR-6021 CALOOSAHATCHEE RIVER	River/Stream	6/21/2012	6/21/2012	1	26.7131791	-81.600065
21FLGW_WQX-42379	Z5-SS-6004 TROUT CREEK	River/Stream	8/16/2012	8/16/2012	1	26.7958875	-81.727374
21FLGW_WQX-42390	Z5-SS-6059 POLLYWOG CREEK	River/Stream	7/26/2012	7/26/2012	1	26.7664497	-81.45935
21FLGW_WQX-42393	Z5-SS-6074 DAUGHTREY CREEK	River/Stream	9/19/2012	9/19/2012	1	26.7421961	-81.854169
21FLGW_WQX-43738	Z5-LR-7007 CALOOSAHATCHEE RIVER	River/Stream	5/1/2013	5/1/2013	1	26.71881	-81.661839
21FLGW_WQX-43740	Z5-LR-7011 CALOOSAHATCHEE RIVER	River/Stream	5/1/2013	5/1/2013	1	26.7156319	-81.557404
21FLGW_WQX-43745	Z5-LR-7016 CALOOSAHATCHEE RIVER	River/Stream	5/30/2013	5/30/2013	1	26.7925163	-81.328024
21FLGW_WQX-44273	Z5-SS-7004 UNNAMED SMALL STREAM	River/Stream	8/13/2013	8/13/2013	1	26.755825	-81.717171
21FLGW_WQX-44284	Z5-SS-7052 HICKEY CREEK	River/Stream	8/1/2013	8/1/2013	1	26.7074155	-81.660239
21FLGW_WQX-45283	Z5-LR-8008 CALOOSAHATCHEE RIVER	River/Stream	5/21/2014	5/21/2014	1	26.7760194	-81.38832
21FLGW_WQX-45285	Z5-LR-8012 CALOOSAHATCHEE RIVER	River/Stream	5/21/2014	5/21/2014	1	26.744853	-81.481116
21FLGW_WQX-45287	Z5-LR-8016 CALOOSAHATCHEE RIVER	River/Stream	5/21/2014	5/21/2014	1	26.7158975	-81.551605
21FLGW_WQX-45291	Z5-LR-8020 CALOOSAHATCHEE CANAL	River/Stream	6/16/2014	6/16/2014	1	26.7902783	-81.300278
21FLGW_WQX-45786	Z5-SS-8012 UNNAMED SMALL STREAM	River/Stream	7/9/2014	7/9/2014	1	26.5615455	-81.894628
21FLGW_WQX-45791	Z5-SS-8024 TELEGRAPH CREEK	River/Stream	7/10/2014	7/10/2014	1	26.7319902	-81.696707

Site Number	Station Name	Site Type	Start Date	End Date	Count	Latitude	Longitude
21FLGW_WQX-45794	Z5-SS-8036 POPASH CREEK	River/Stream	7/24/2014	7/24/2014	1	26.7684661	-81.806276
21FLGW_WQX-45795	Z5-SS-8040 UNNAMED SMALL STREAM	River/Stream	9/11/2014	9/11/2014	1	26.6573966	-81.728775
21FLGW_WQX-47559	Z5-LR-9001	River/Stream	5/19/2015	5/19/2015	1	26.7467075	-81.474204
21FLGW_WQX-47560	Z5-LR-9002	River/Stream	5/19/2015	5/19/2015	1	26.7683711	-81.427765
21FLGW_WQX-47563	Z5-LR-9005	River/Stream	5/19/2015	5/19/2015	1	26.7198563	-81.638941
21FLGW_WQX-47564	Z5-LR-9006	River/Stream	5/19/2015	5/19/2015	1	26.7898022	-81.316905
21FLGW_WQX-47567	Z5-LR-9009	River/Stream	5/19/2015	5/19/2015	1	26.7184508	-81.532389
21FLGW_WQX-47572	Z5-LR-9018	River/Stream	5/19/2015	5/19/2015	1	26.7960647	-81.343674
21FLGW_WQX-49561	Z5-LR-10005 CALOOSAHATCHEE RIVER	River/Stream	5/23/2016	5/23/2016	1	26.7885055	-81.30987
21FLGW_WQX-49562	Z5-LR-10006 CALOOSAHATCHEE RIVER	River/Stream	5/23/2016	5/23/2016	1	26.7191713	-81.581471
21FLGW_WQX-49568	Z5-LR-10013 CALOOSAHATCHEE RIVER	River/Stream	5/23/2016	5/23/2016	1	26.7810733	-81.380806
21FLGW_WQX-49572	Z5-LR-10021 CALOOSAHATCHEE CANAL	River/Stream	6/16/2016	6/16/2016	1	26.7916825	-81.234906
21FLGW_WQX-49861	Z5-SS-10024 UNNAMED SMALL STREAM	River/Stream	7/21/2016	7/21/2016	1	26.7429222	-81.493072
21FLGW_WQX-49868	Z5-SS-10052 UNNAMED SMALL STREAM	River/Stream	7/19/2016	7/19/2016	1	26.6826141	-81.755195
21FLGW_WQX-49872	Z5-SS-10068 HICKEY CREEK	River/Stream	8/18/2016	8/18/2016	1	26.7087069	-81.662746
21FLGW_WQX-51583	Z5-LR-11011 CALOOSAHATCHEE RIVER	River/Stream	5/30/2017	5/30/2017	1	26.7147472	-81.563333
21FLGW_WQX-51584	Z5-LR-11012 CALOOSAHATCHEE CANAL	River/Stream	5/30/2017	5/30/2017	1	26.7930283	-81.291037
21FLGW_WQX-51588	Z5-LR-11016 CALOOSAHATCHEE RIVER	River/Stream	5/30/2017	5/30/2017	1	26.7941233	-81.359841
21FLGW_WQX-51592	Z5-LR-11027 CALOOSAHATCHEE RIVER	River/Stream	6/13/2017	6/13/2017	1	26.7445244	-81.509346

Site Number	Station Name	Site Type	Start Date	End Date	Count	Latitude	Longitude
21FLGW_WQX-51593	Z5-LR-11028	River/Stream	6/12/2017	6/12/2017	1	26.7885858	-81.311132
21FLSFWM-BEDMANCR	CALOOSAHATCHEE RIVER BEDMAN CREEK AND SR-80 NEAR THE TOWN OF ALVA BILLY CR. NEAR THE FT. MYERS SOUTHERN RAILWAY BR. NEAR S.R. FRESHWATER PORTION AT S-79	River/Stream	10/14/1993	9/27/1994	2	26.7092769	-81.5992606
21FLSFWM-BILLYCRK		River/Stream	10/14/1993	9/27/1994	2	26.6511039	-81.8526989
21FLSFWM-CAL00		River/Stream	5/10/1995	4/13/1999	7	26.7239569	-81.6984111
21FLSFWM-CES01	CALOOSAHATCHEE WATER QUALITY MONITORING STATION	Estuary	12/13/2001	10/2/2006	43	26.7221944	-81.6898
21FLSFWM-CES02	CALOOSAHATCHEE WATER QUALITY MONITORING STATION	Estuary	11/27/2001	3/21/2002	5	26.7265	-81.7079
21FLSFWM-CES03	CALOOSAHATCHEE WATER QUALITY MONITORING STATION	Estuary	11/27/2001	3/21/2002	5	26.7166944	-81.7606
21FLSFWM-CES04	CALOOSAHATCHEE WATER QUALITY MONITORING STATION	Estuary	11/27/2001	3/21/2002	5	26.6817	-81.8338
21FLSFWM-CES05	CALOOSAHATCHEE WATER QUALITY MONITORING STATION	Estuary	11/27/2001	3/21/2002	5	26.6366	-81.8887
21FLSFWM-CES06	CALOOSAHATCHEE WATER QUALITY MONITORING STATION	Estuary	11/27/2001	3/21/2002	5	26.5823	-81.9102
21FLSFWM-CES07	CALOOSAHATCHEE WATER QUALITY MONITORING STATION	Estuary	11/27/2001	3/21/2002	5	26.5302222	-81.9656
21FLSFWM-CES08	CALOOSAHATCHEE WATER QUALITY MONITORING STATION	Estuary	11/27/2001	3/21/2002	5	26.5233	-81.9920056
21FLSFWM-CYPRESCR	CYPRESS CREEK CULVERT AND SR-80 NEAR THE TOWN OF ALVA	River/Stream	10/13/1993	9/26/1994	2	26.7263647	-81.6265494
21FLSFWM-HANCOKCR	HANCOCK CREEK BRIDGE AND SR-78A	River/Stream	10/14/1993	9/27/1994	2	26.6677589	-81.8959192

Site Number	Station Name	Site Type	Start Date	End Date	Count	Latitude	Longitude
21FLSFWM-HB01	<u>SW. SIDE BEAUTIFUL ISLAND, CALOOSAHATCHEE ESTUARY</u>	Estuary	6/10/1996	1/28/1997	5	26.6970144	-81.8241639
21FLSFWM-HB02	<u>WESTERN SHORE ^1 MILE UPSTRM. SR41 BRIDGE, CALOOSHAT. ESTUAR</u>	Estuary	6/10/1996	1/28/1997	5	26.6672103	-81.8723875
21FLSFWM-HB03	<u>WESTERN SHORE ^3 MI. DWNSTRM. SR41 BRIDGE, CALLOOSHAT. ESTUA</u>	Estuary	6/10/1996	1/28/1997	5	26.6361842	-81.9079719
21FLSFWM-HB04	<u>UPSTREAM NEGRO HEAD POINT, CALOOSAHATCHEE ESTUARY</u>	Estuary	6/10/1996	1/28/1997	5	26.5663539	-81.9146394
21FLSFWM-HB05	<u>IONA COVE SHORE, CALOOSHATCHEE ESTUARY</u>	Estuary	5/8/1996	1/28/1997	6	26.5161894	-81.9838083
21FLSFWM-HICKEYCR	<u>HICKEY CREEK BRIDGE AND SR-80 NEAR THE TOWN OF TICE</u>	River/Stream	10/14/1993	9/27/1994	2	26.7157361	-81.6723453
21FLSFWM-NINEMICA	<u>NINE MILE CANAL CULVERT AND US-27</u>	River/Stream	10/13/1993	10/13/1993	1	26.7741119	-81.0824764
21FLSFWM-ORANRIVS	<u>ORANGE RIVER (SO.) BRIDGE AND ORANGE RIVER BLVD.</u>	River/Stream	10/14/1993	9/27/1994	2	26.6753694	-81.7358711
21FLSFWM-POLLYCRK	<u>POLLYWOG CREEK BRIDGE AND POLLYWOG ROAD</u>	River/Stream	10/13/1993	9/26/1994	2	26.7657114	-81.4591125
21FLSFWM-SPANHCRK	<u>SPANISH CREEK CULVERT AND SR-80</u>	River/Stream	10/13/1993	9/26/1994	2	26.7260064	-81.5991378
21FLSFWM-TELEGCRK	<u>TELEGRAPH CREEK BRIDGE AND SR-78</u>	River/Stream	10/13/1993	9/26/1994	2	26.7308714	-81.7016531
21FLSFWM-TROUTCRK	<u>TROUT CREEK CULVERT AND SR-78</u>	River/Stream	10/13/1993	9/26/1994	2	26.7404156	-81.7367233
21FLSFWM_WQX-CES02	<u>CALOOSAHATCHEE WATER QUALITY MONITORING STATION</u>	Estuary	7/28/2010	7/28/2010	1	26.7252778	-81.7091667
21FLSFWM_WQX-CES03	<u>CALOOSAHATCHEE WATER QUALITY MONITORING STATION</u>	Estuary	1/7/2014	9/13/2016	24	26.7167331	-81.7560714

Site Number	Station Name	Site Type	Start Date	End Date	Count	Latitude	Longitude
21FLSFWM_WQX- -CES04	CALOOSAHATCHEE WATER QUALITY MONITORING STATION	Estuary	1/7/2014	9/13/2016	25	26.6816667	-81.8338889
21FLSFWM_WQX- -CES05	CALOOSAHATCHEE WATER QUALITY MONITORING STATION	Estuary	1/7/2014	7/13/2016	25	26.6366667	-81.8886111
21FLSFWM_WQX- -CES06	CALOOSAHATCHEE WATER QUALITY MONITORING STATION	Estuary	1/7/2014	9/13/2016	22	26.5822222	-81.9102778
21FLSFWM_WQX- -CES07	CALOOSAHATCHEE WATER QUALITY MONITORING STATION	Estuary	1/7/2014	9/13/2016	26	26.5305556	-81.9655556
21FLSWFD_WQX- 26308	UNNAMED CREEK 22	River/Stream	9/18/2007	10/2/2014	11	26.9454111	-81.614819
21FLSWFD_WQX- 796113	LOWER LEMON BAY CCHMN-529	Estuary	12/15/2011	3/2/2015	6	26.8586111	-81.708161
21FLSWFD_WQX- 796114	LOWER LEMON BAY CCHMN-532	Estuary	9/12/2012	12/9/2015	11	26.8419416	-81.724827
21FLSWFD_WQX- 796115	LOWER LEMON BAY CCHMN-531	Estuary	12/15/2011	12/9/2015	13	26.8419416	-81.708163
21FLSWFD_WQX- 796117	LOWER LEMON BAY CCHMN-533	Estuary	2/16/2012	5/20/2015	7	26.8252722	-81.708163
21FLSWFD_WQX- 796119	LOWER LEMON BAY CCHMN-517	Estuary	12/15/2011	11/4/2015	13	26.9252833	-81.658163
21FLSWFD_WQX- 796120	LOWER LEMON BAY CCHMN-516	Estuary	1/12/2012	10/19/2015	10	26.9252833	-81.641497
21FLSWFD_WQX- 796121	LOWER LEMON BAY CCHMN-521	Estuary	12/15/2011	10/19/2015	9	26.9086166	-81.67483
21FLSWFD_WQX- 796122	LOWER LEMON BAY CCHMN-520	Estuary	2/16/2012	12/9/2015	9	26.9086166	-81.658163
21FLSWFD_WQX- 796123	LOWER LEMON BAY CCHMN-519	Estuary	2/16/2012	5/20/2015	6	26.9086138	-81.6415
21FLSWFD_WQX- 796124	LOWER LEMON BAY CCHMN-524	Estuary	9/9/2014	3/2/2015	4	26.8919472	-81.691494
21FLSWFD_WQX- 796125	LOWER LEMON BAY CCHMN-523	Estuary	5/10/2012	12/9/2015	10	26.8919472	-81.67483
21FLSWFD_WQX- 796126	LOWER LEMON BAY CCHMN-522	Estuary	5/10/2012	3/2/2015	7	26.8919472	-81.658163

Site Number	Station Name	Site Type	Start Date	End Date	Count	Latitude	Longitude
21FLSWFD_WQX-796128	LOWER LEMON BAY CCHMN-526	Estuary	4/11/2012	8/14/2014	4	26.8752777	-81.691497
21FLSWFD_WQX-796129	LOWER LEMON BAY CCHMN-525	Estuary	5/10/2012	10/19/2015	6	26.8752777	-81.67483
21FLSWFD_WQX-796130	LOWER LEMON BAY CCHMN-528	Estuary	3/22/2012	1/7/2015	6	26.8586111	-81.691497
21FLSWFD_WQX-796133	LOWER LEMON BAY CCHMN-515	Estuary	12/15/2011	9/1/2015	11	26.9397555	-81.658158
21FLSWFD_WQX-796134	LOWER LEMON BAY CCHMN-514	Estuary	1/12/2012	6/1/2015	8	26.9397333	-81.641505
21FLSWFD_WQX-796135	LOWER LEMON BAY CCHMN-513	Estuary	3/22/2012	12/1/2014	3	26.9396944	-81.624841
2257000	FISHEATING CREEK AT LAKEPORT, FL	ST	3/24/1973	2/12/2019	110	26.96255665	-81.11784588
2257030	FISHEATING LOCK AT S-131 NEAR LAKEPORT, FL	ST	8/16/2000	8/17/2011	32	26.9783892	-81.089234
2259627	BUCKHEAD LOCK AT S-127 NR OKEECHOBEE, FL	ST	6/2/1999	12/5/2006	37	27.12199467	-80.8953402
2275503	TAYLOR CREEK AT HGS-6 NEAR OKEECHOBEE, FL	ST	10/8/1948	1/6/2010	93	27.20666667	-80.7980556
2275705	HENRY CREEK AT HENRY CRK LOCK NR SHERMAN	ST	5/25/1994	1/6/2010	50	27.1625488	-80.717558
2278000	WEST PALM BEACH CANAL AT S352 AT CANAL POINT FLA	ST-CA	6/28/1939	5/18/2005	523	26.8642256	-80.631723
2278001	WEST PALM BCH CA BL HGS-5 - VELOCITY	ST	2/16/1955	5/2/1986	101	26.8642256	-80.631723
2292000	CALOOSAHATCHEE CA AT MOORE HAVEN FLA	ST-CA	11/22/1900	5/19/2003	129	26.83983056	-81.0871583
2292010	CALOOSAHATCHEE CANAL DWS OF S-77 AT MOORE HAVEN FL	ST-CA	5/28/2008	2/4/2019	85	26.83333333	-81.08888889
2292480	CALOOSAHATCHEE CANAL AT ORTONA LOCK NR LA BELLE	ST-CA	12/14/1948	10/12/2016	113	26.7897863	-81.3028506
2292730	JACKS BRANCH NEAR LA BELLE, FL	ST	9/2/1986	6/26/1992	12	26.82811889	-81.5506336
2292780	TOWNSEND CANAL NEAR ALVA, FL	ST-CA	9/22/1976	1/29/2019	91	26.70775278	-81.5580361

Site Number	Station Name	Site Type	Start Date	End Date	Count	Latitude	Longitude
2292900	CALOOSAHATCHEE RIVER AT S-79, NR.OLGA, FLA	ST	4/14/1966	2/5/2019	190	26.72173487	-81.69313699
2293000	ORANGE RIVER NR FORT MYERS, FLA.	ST	6/22/1935	11/22/1946	43	26.6670152	-81.7320269
2293050	ORANGE RIVER AT BUCKINGHAM NR FORT MYERS, FLA.	ST	9/12/1960	6/26/1974	53	26.67034839	-81.7320269
2293055	ORANGE RIVER NEAR BUCKINGHAM, FL	ST	1/16/2008	2/5/2019	168	26.69194444	-81.7594444
2293090	Popash Creek at Leetana Rd. nr North Fort Myers,FL	ST	3/7/2008	2/5/2019	69	26.71571667	-81.8086667
2293190	BILLYS CR AT FT MYERS FL	ST	2/28/2008	3/13/2013	268	26.65388889	-81.8405556
2293205	CALOOSAHATCHEE RIVER AT CHANNEL MARKER 52 NR. FT.	ST	1/26/2008	3/15/2013	222	26.64138889	-81.8827778
2293210	CALOOSAHATCHEE RIVER AT SHELL POINT NEAR IONA, FL	ST	5/1/2008	3/19/2013	212	26.52371389	-82.0050806
2293214	MEADE CANAL AT CAPE CORAL, FL	ST-CA	12/17/1986	4/4/2013	219	26.6364617	-81.9298099
2293216	MACKINAC CANAL AT CAPE CORAL, FL	ST-CA	7/21/1987	10/8/1996	49	26.63618405	-81.95786619
2293230	WHISKEY CREEK AT FT. MYERS, FL	ST	5/19/1994	1/29/2019	202	26.57488889	-81.89188889
2293241	SAN CARLOS CANAL AT CAPE CORAL, FL	ST-CA	2/11/1987	4/4/2013	180	26.60340765	-81.9631443
2293243	COURTNEY CANAL AT CAPE CORAL, FL	ST-CA	2/17/1987	8/1/2013	164	26.57813097	-81.983145
263120081595500	Shell Point Canal near Iona, FL	ES	3/6/2008	3/19/2013	125	26.5222222	-81.9986111
263201081542200	HENDRY CREEK AT WINKLER ROAD	ST	11/12/1974	3/11/1975	4	26.53396593	-81.905921
263543081522500	WHISKEY CREEK AT SOUTH PLAZA	ST	9/10/1973	5/16/1975	8	26.5956299	-81.8734198
263618081133300	42 FOOT CA @ SR-832 LA BELLE &SW	ST	8/13/1979	9/27/1979	3	26.60534874	-81.2256274
263719081512200	TEN MILE CANAL AT TODD ROAD	ST-CA	11/14/1973	6/10/1976	22	26.62229539	-81.8559192

Site Number	Station Name	Site Type	Start Date	End Date	Count	Latitude	Longitude
264006081534400	HANCOCK CREEK AT PONDELLA ROAD, NORTH FT MYERS, FL	ST	6/24/2008	3/13/2013	155	26.66695833	-81.89643889
264012081435500	ORANGE RIVER AT BUCKINGHAM ROAD	ST	6/19/1972	10/2/1979	8	26.67034839	-81.7317491
264054081524000	YELLOW FEVER CREEK AT SR78 NEAR FT MYERS FL	ST	11/13/1973	9/25/1979	17	26.68201517	-81.877586
264054081544000	YELLOW FEVER CREEK AT SR 78	ST	9/27/1979	9/27/1979	1	26.6820153	-81.9109202
264147081551200	YELLOW FEVER CREEK AT LITTLETON ROAD	ST	7/12/1973	9/27/1979	8	26.69673694	-81.9198093
264214081504200	DAUGHTREY CREEK AT SR78 NEAR FT MYERS FL	ST	6/19/1972	9/25/1979	3	26.7042363	-81.8448073
264233081333001	TOWNSEND CANAL @ SR-80	ST-CA	3/26/1971	3/26/1971	1	26.7095125	-81.55813419
264253081402200	HICKEY CREEK AT SR80 NEAR ALVA FL	ST	11/13/1973	2/25/1975	2	26.71506839	-81.672581
264253081483200	POPASH CREEK AT SR78 NEAR FT MYERS FL	ST	6/19/1972	11/13/1973	2	26.715069	-81.8086952
264253081494400	UNNAMED TRIBUTARY AT SR 789	ST	11/13/1973	3/12/1977	9	26.7150691	-81.8286957
264332081373800	10B CYPRESS CREEK AT SR 78 ALVA	ST	4/27/1965	5/11/1967	3	26.72590105	-81.6270245
264411081132900	FORTY TWO FOOT CA NR ORTONA LA BELLE 4 NW	ST	2/14/1979	2/14/1979	1	26.73673263	-81.2245157
264423081441300	10B TROUT CREEK AT SR 78	ST	4/27/1965	5/11/1967	2	26.7400676	-81.736749
264514080550700	INDUSTRIAL CANAL AT CLEWISTON	ST-CA	7/20/1976	2/4/2019	295	26.76075867	-80.9179804
264518081500500	UNNAMED TRIBUTARY AT NALLE ROAD	ST	4/6/1973	11/14/1977	19	26.7553452	-81.834529
264518081510500	DAUGHTREY CREEK AT SR 789	ST	8/3/1972	9/27/1979	7	26.75534528	-81.8511961
264519081483400	POPASH CREEK AT NALLE ROAD	ST	7/12/1973	5/23/1977	14	26.75562285	-81.8092506
264535081285000	BEEBRANCHSOUTHWESTOF LABELLE FLA	ST	5/27/1965	5/11/1967	2	26.76006574	-81.4803546
264604081121300	HES-9 BEAU HAMMOCK TRIB @ SR-80 LKHICPOCHEE	ST	4/26/1979	9/26/1979	4	26.76812026	-81.20340399
264607081273200	POLLYWOG CREEK AT SR-78	ST	5/27/1965	5/11/1967	2	26.7689542	-81.45868739

SURFACE WATER QUALITY

Table A- 6. All surface water quality stations within the Region of Hydrologic Influence. Source: (USGS, 2018; National Water Quality Monitoring Council, 2018).

Site Number	Station Name	Site Type	Start Date	End Date	Count	Latitude	Longitude
21FLBABR_WQX-27-GR_OUTFLOW	Trout Cr Outflow at south Babcock Property Line WB 3240G	River/Stream	7/13/2006	12/10/2009	48	26.7464813	-81.727438
21FLBABR_WQX-27-O_OUTFLOW	Owl Cr outflow at CR 78 WB3240 N	River/Stream	7/10/2008	12/10/2009	17	26.7403166	-81.755575
21FLBABR_WQX-27-WB_OUTFLOW	Trout Cr West Br Outflow at property line WB3240G	River/Stream	7/10/2008	10/9/2008	5	26.7558111	-81.743141
21FLBABR_WQX-29-GR_HQ	Telegraph Swamp north of Ranch headquarters WB3236	River/Stream	6/29/2006	9/14/2009	20	26.8758394	-81.717321
21FLBABR_WQX-29-GR_OUTFLOW	Telegraph Cr approx 3300 Ft east of property line WB3236	River/Stream	7/13/2006	12/10/2009	31	26.7485447	-81.669995
21FLBABR_WQX-CYPRESS_OUTFLOW	Cypress Cr at south property line WB3235C	River/Stream	7/13/2006	12/10/2009	24	26.7448194	-81.619501
21FLBABR_WQX-JACKS_BR_INFLOW	Jacks Branch Inflow location WB3235D	River/Stream	6/29/2006	4/8/2008	19	26.879558	-81.580875
21FLBABR_WQX-JACKS_BR_OUT	Jacks Branch Outflow location WB3235D	River/Stream	6/29/2006	12/10/2009	26	26.846603	-81.564932
21FLCOFM_WQX-CFMBASIN	N end of SW Basin, Downtown FM, approx. mid pond	Estuary	6/11/2014	9/10/2014	5	26.646286	-81.871775
21FLCOFM_WQX-CFMFSP	W side of boardwalk approx 75' N of TEE	Estuary	7/7/2016	12/14/2016	6	26.652781	-81.845553
21FLEECO_WQX-16-18GR	YFC SR78	River/Stream	4/16/1992	12/26/2017	309	26.681925	81.910913
21FLEECO_WQX-16-3GR	Hancock Creek	River/Stream	4/16/1992	12/27/2017	310	26.659968	81.897703
21FLEECO_WQX-18-6GR	Marsh Point	River/Stream	4/17/1992	12/4/2017	283	26.691442	81.858878
21FLEECO_WQX-20-29GR	Daughtry at Nalle Grade	River/Stream	4/23/1992	12/26/2017	303	26.755381	81.851405
21FLEECO_WQX-20-9GR	Daughtry SR78	River/Stream	4/23/1992	12/4/2017	307	26.704175	81.844789

Site Number	Station Name	Site Type	Start Date	End Date	Count	Latitude	Longitude
21FLEECO_WQX-20A-11GR	Daughtry East SR78	River/Stream	4/23/1992	12/4/2017	264	26.708698	81.839719
21FLEECO_WQX-20A-19GR	Daughtry East I-75	River/Stream	4/16/1992	12/27/2017	281	26.734018	81.843601
21FLEECO_WQX-21-7GR	Chapel Branch	River/Stream	4/23/1992	12/4/2017	276	26.715281	81.828997
21FLEECO_WQX-22-18GR	Henderson Grade	River/Stream	4/23/1992	12/26/2017	249	26.74263	81.81866
21FLEECO_WQX-22-7GR	Bayshore Creek	River/Stream	5/28/1992	12/4/2017	278	26.715253	81.821958
21FLEECO_WQX-23-27GR	Popash at Nalle Grade	River/Stream	4/23/1992	12/26/2017	308	26.755464	81.809495
21FLEECO_WQX-23-5GR	Popash Creek	River/Stream	4/24/1992	12/4/2017	313	26.715748	81.808624
21FLEECO_WQX-24-19GR	Mearle Dr	River/Stream	4/23/1992	12/26/2017	303	26.746092	81.795403
21FLEECO_WQX-24-24GR	St.Paul/Stroud Creek	River/Stream	7/31/2014	10/19/2015	5	26.751706	-81.793436
21FLEECO_WQX-24-7GR	Stroud Creek	River/Stream	4/17/1992	12/4/2017	302	26.715065	81.799786
21FLEECO_WQX-25-GR20	Palm Creek	River/Stream	4/24/1996	10/8/2014	210	26.714956	81.780001
21FLEECO_WQX-26-GR20	Kickapoo SR78	River/Stream	4/24/1996	10/8/2014	218	26.718929	81.765178
21FLEECO_WQX-27O-GR20	Owl Creek	River/Stream	4/30/1996	12/19/2017	257	26.740298	81.755697
21FLEECO_WQX-28-5GR	Otter Creek	River/Stream	4/24/1992	12/19/2017	285	26.727214	81.719056
21FLEECO_WQX-29-8GR	Telegraph Creek	River/Stream	4/24/1992	10/13/2014	269	26.730658	81.701564
21FLEECO_WQX-37-15GR	Bedman Creek Tributary	River/Stream	5/26/2016	12/19/2017	16	26.697939	81.595451
21FLEECO_WQX-37-4GR	Bedman Creek	River/Stream	4/24/1992	12/19/2017	306	26.708828	81.599338
21FLEECO_WQX-38-3GR	Hickey Creek	River/Stream	4/24/1992	12/19/2017	307	26.715142	81.672561
21FLEECO_WQX-40-18GR	Buckingham Rd	River/Stream	4/8/1992	12/13/2017	310	26.670333	81.731972

Site Number	Station Name	Site Type	Start Date	End Date	Count	Latitude	Longitude
21FLEECO_WQX-AB33166	Caloosahatchee River Grid # 473 Surface	Estuary	5/30/2002	5/30/2002	1	26.7213666	-81.693266
21FLEECO_WQX-AB33167	Caloosahatchee River Grid # 473 Bottom	Estuary	5/30/2002	5/30/2002	1	26.7213666	-81.693266
21FLEECO_WQX-AB33168	Caloosahatchee River Grid # 471 Surface	Estuary	5/30/2002	5/30/2002	1	26.7235833	-81.72545
21FLEECO_WQX-AB33169	Caloosahatchee River Grid # 444 Surface	Estuary	5/30/2002	5/30/2002	1	26.6652833	-81.8451
21FLEECO_WQX-AB33171	Caloosahatchee River Grid # 413 Surface	Estuary	5/30/2002	5/30/2002	1	26.57275	-81.913383
21FLEECO_WQX-AB33172	Caloosahatchee River Grid # 339 Surface	Estuary	5/30/2002	5/30/2002	1	26.5176666	-81.992583
21FLEECO_WQX-AB34201	Caloosahatchee River Grid # 473 surface	Estuary	6/27/2002	6/27/2002	1	26.7236666	-81.699283
21FLEECO_WQX-AB34202	Caloosahatchee River Grid # 473 bottom	Estuary	6/27/2002	6/27/2002	1	26.7236666	-81.699283
21FLEECO_WQX-AB34204	Caloosahatchee River Grid # 450 surface	Estuary	6/27/2002	6/27/2002	1	26.6784166	-81.827483
21FLEECO_WQX-AB34206	Caloosahatchee River Grid # 418 surface	Estuary	6/27/2002	6/27/2002	1	26.59635	-81.904433
21FLEECO_WQX-AB34207	Caloosahatchee River Grid # 418 bottom	Estuary	6/27/2002	6/27/2002	1	26.59635	-81.904433
21FLEECO_WQX-AB34208	Caloosahatchee River Grid # 388 surface	Estuary	6/27/2002	6/27/2002	1	26.5248166	-81.966633
21FLEECO_WQX-AB35255	Caloosahatchee River Grid # 462 Surface	Estuary	7/30/2002	7/30/2002	1	26.7029666	-81.788516
21FLEECO_WQX-AB35256	Caloosahatchee River Grid # 462 Bottom	Estuary	7/30/2002	7/30/2002	1	26.7029666	-81.788516
21FLEECO_WQX-AB35257	Caloosahatchee River Grid # 451 Surface	Estuary	7/30/2002	7/30/2002	1	26.6852333	-81.818966
21FLEECO_WQX-AB35258	Caloosahatchee River Grid # 452 Surface	Estuary	7/30/2002	7/30/2002	1	26.6822166	-81.849166
21FLEECO_WQX-AB35260	Caloosahatchee River Grid # 394 Surface	Estuary	7/30/2002	7/30/2002	1	26.5338	-81.955133
21FLEECO_WQX-AB36263	Caloosahatchee River Grid # 473 Surface	Estuary	8/29/2002	8/29/2002	1	26.6750666	-81.6936
21FLEECO_WQX-AB36264	Caloosahatchee River Grid # 472 Surface	Estuary	8/29/2002	8/29/2002	1	26.6763833	-81.710066

Site Number	Station Name	Site Type	Start Date	End Date	Count	Latitude	Longitude
21FLEECO_WQX-AB36266	Caloosahatchee River Grid # 461 Surface	Estuary	8/29/2002	8/29/2002	1	26.7015	-81.809
21FLEECO_WQX-AB36267	Caloosahatchee River Grid # 429 Surface	Estuary	8/29/2002	8/29/2002	1	26.6298333	-81.888433
21FLEECO_WQX-AB36268	Caloosahatchee River Grid # 428 Surface	Estuary	8/29/2002	8/29/2002	1	26.6245166	-81.915
21FLEECO_WQX-AB37531	Caloosahatchee River Grid # 471 SUR	Estuary	9/30/2002	9/30/2002	1	26.7236	-81.72385
21FLEECO_WQX-AB37532	Caloosahatchee River Grid # 468 SUR	Estuary	9/30/2002	9/30/2002	1	26.7177333	-81.740883
21FLEECO_WQX-AB37533	Caloosahatchee River Grid # 442 SUR	Estuary	9/30/2002	9/30/2002	1	26.66555	-81.872883
21FLEECO_WQX-AB37535	Caloosahatchee River Grid # 423	Estuary	9/30/2002	9/30/2002	1	26.6072833	-81.905066
21FLEECO_WQX-AB37536	Caloosahatchee River Grid # 386	Estuary	9/30/2002	9/30/2002	1	26.53285	-81.984016
21FLEECO_WQX-AB38281	Caloosahatchee River Grid # 454 Sur	Estuary	10/24/2002	10/24/2002	1	26.7785333	-81.820416
21FLEECO_WQX-AB38283	Caloosahatchee River Grid # 437 Sur	Estuary	10/24/2002	10/24/2002	1	26.6482166	-81.866066
21FLEECO_WQX-AB38284	Caloosahatchee River Grid # 430 Sur	Estuary	10/24/2002	10/24/2002	1	26.6389	-81.8805
21FLEECO_WQX-AB38285	Caloosahatchee River Grid # 411 Sur	Estuary	10/24/2002	10/24/2002	1	26.5620666	-81.935616
21FLEECO_WQX-AB38286	Caloosahatchee River Grid # 395 Sur	Estuary	10/24/2002	10/24/2002	1	26.5405	-81.938966
21FLEECO_WQX-AB38287	Caloosahatchee River Grid # 395 Bot	Estuary	10/24/2002	10/24/2002	1	26.5405	-81.938966
21FLEECO_WQX-AB39215	Caloosahatchee River Grid # 470 sur	Estuary	11/21/2002	11/21/2002	1	26.7185333	-81.742316
21FLEECO_WQX-AB39216	Caloosahatchee River Grid # 470 bot	Estuary	11/21/2002	11/21/2002	1	26.7185333	-81.742316
21FLEECO_WQX-AB39218	Caloosahatchee River Grid # 451 sur	Estuary	11/21/2002	11/21/2002	1	26.6950833	-81.808883
21FLEECO_WQX-AB39219	Caloosahatchee River Grid # 453 sur	Estuary	11/21/2002	11/21/2002	1	26.6846833	-81.832783
21FLEECO_WQX-AB39220	Caloosahatchee River Grid # 443 sur	Estuary	11/21/2002	11/21/2002	1	26.6602166	-81.852716

Site Number	Station Name	Site Type	Start Date	End Date	Count	Latitude	Longitude
21FLEECO_WQX-AB39221	Caloosahatchee River Grid # 403 sur	Estuary	11/21/2002	11/21/2002	1	26.5648833	-81.935383
21FLEECO_WQX-AB39924	Caloosahatchee River Grid # 451 S	Estuary	12/12/2002	12/12/2002	1	26.68305	-81.815533
21FLEECO_WQX-AB39926	Caloosahatchee River Grid # 443 S	Estuary	12/12/2002	12/12/2002	1	26.6527	-81.859066
21FLEECO_WQX-AB39927	Caloosahatchee River Grid # 437 S	Estuary	12/12/2002	12/12/2002	1	26.6653833	-81.861183
21FLEECO_WQX-AB39928	Caloosahatchee River Grid # 442 S	Estuary	12/12/2002	12/12/2002	1	26.6654333	-81.87465
21FLEECO_WQX-AB39929	Caloosahatchee River Grid # 419 S	Estuary	12/12/2002	12/12/2002	1	26.5897166	-81.8984
21FLEECO_WQX-AB41391	Caloosahatchee River Grid # 435 Sur	Estuary	1/30/2003	1/30/2003	1	26.695	-81.810016
21FLEECO_WQX-AB41393	Caloosahatchee River Grid # 419 Sur	Estuary	1/30/2003	1/30/2003	1	26.59535	-81.896616
21FLEECO_WQX-AB41394	Caloosahatchee River Grid # 464 Sur	Estuary	1/30/2003	1/30/2003	1	26.51905	-81.9756
21FLEECO_WQX-AB42062	Caloosahatchee River R392 SUR	Estuary	2/18/2003	2/18/2003	1	26.53505	-81.978133
21FLEECO_WQX-AB42063	Caloosahatchee River R464 SUR	Estuary	2/18/2003	2/18/2003	1	26.5131666	-81.977716
21FLEECO_WQX-AB42064	Caloosahatchee River R418 SUR	Estuary	2/18/2003	2/18/2003	1	26.5864833	-81.91645
21FLEECO_WQX-AB42065	Caloosahatchee River R429 SUR	Estuary	2/18/2003	2/18/2003	1	26.6270666	-81.886383
21FLEECO_WQX-AB42066	Caloosahatchee River R435 SUR	Estuary	2/18/2003	2/18/2003	1	26.6395833	-81.89495
21FLEECO_WQX-AB42769	Caloosahatchee River grid 444	Estuary	3/12/2003	3/12/2003	1	26.6639	-81.846183
21FLEECO_WQX-AB42770	Caloosahatchee River grid 449	Estuary	3/12/2003	3/12/2003	1	26.6702333	-81.83565
21FLEECO_WQX-AB42771	Caloosahatchee River grid461	Estuary	3/12/2003	3/12/2003	1	26.7009833	-81.80805
21FLEECO_WQX-AB42772	Caloosahatchee River grid 467	Estuary	3/12/2003	3/12/2003	1	26.7159333	-81.7569
21FLEECO_WQX-AB43755	Caloosahatchee River Grid# 472	Estuary	4/9/2003	4/9/2003	1	26.7257	-81.707516

Site Number	Station Name	Site Type	Start Date	End Date	Count	Latitude	Longitude
21FLEECO_WQX-AB43756	Caloosahatchee River Grid# 453	Estuary	4/9/2003	4/9/2003	1	26.6875166	-81.844583
21FLEECO_WQX-AB43757	Caloosahatchee River Grid# 448	Estuary	4/9/2003	4/9/2003	1	26.67955	-81.852666
21FLEECO_WQX-AB43758	Caloosahatchee River Grid# 423	Estuary	4/9/2003	4/9/2003	1	26.6046833	-81.90055
21FLEECO_WQX-AB43759	Caloosahatchee River Grid# 413	Estuary	4/9/2003	4/9/2003	1	26.5799	-81.901716
21FLEECO_WQX-AB44870	Caloosahatchee River GRID#422 SUR	Estuary	5/22/2003	5/22/2003	1	26.6072833	-81.91255
21FLEECO_WQX-AB44871	Caloosahatchee River GRID#454 SUR	Estuary	5/22/2003	5/22/2003	1	26.6929	-81.8221
21FLEECO_WQX-AB44872	Caloosahatchee River GRID # 455 SUR	Estuary	5/22/2003	5/22/2003	1	26.68815	-81.819016
21FLEECO_WQX-AB44873	Caloosahatchee River GRID# 463 SUR	Estuary	5/22/2003	5/22/2003	1	26.7074666	-81.779816
21FLEECO_WQX-AB44874	Caloosahatchee River GRID# 471 SUR	Estuary	5/22/2003	5/22/2003	1	26.7229	-81.72775
21FLEECO_WQX-AB45784	Caloosahatchee River GRID# 419	Estuary	6/19/2003	6/19/2003	1	26.5932666	-81.89725
21FLEECO_WQX-AB45785	Caloosahatchee River GRID# 424	Estuary	6/19/2003	6/19/2003	1	26.6054	-81.894166
21FLEECO_WQX-AB45786	Caloosahatchee River GRID# 451	Estuary	6/19/2003	6/19/2003	1	26.6864666	-81.826033
21FLEECO_WQX-AB45787	Caloosahatchee River GRID#456	Estuary	6/19/2003	6/19/2003	1	26.69105	-81.7971
21FLEECO_WQX-AB45788	Caloosahatchee River GRID# 472	Estuary	6/19/2003	6/19/2003	1	26.7228166	-81.7221
21FLEECO_WQX-AB46861	Caloosahatchee River Grid #403 Sur	Estuary	7/23/2003	7/23/2003	1	26.5631	-81.933583
21FLEECO_WQX-AB46863	Caloosahatchee River Grid # 429 Sur	Estuary	7/23/2003	7/23/2003	1	26.6246	-81.887666
21FLEECO_WQX-AB46864	Caloosahatchee River Grid #434 Sur	Estuary	7/23/2003	7/23/2003	1	26.6439666	-81.900566
21FLEECO_WQX-AB46865	Caloosahatchee River Grid # 453 Sur	Estuary	7/23/2003	7/23/2003	1	26.6886	-81.842933
21FLEECO_WQX-AB46866	Caloosahatchee River Grid # 436 Sur	Estuary	7/23/2003	7/23/2003	1	26.6460666	-81.875966

Site Number	Station Name	Site Type	Start Date	End Date	Count	Latitude	Longitude
21FLEECO_WQX-AB48211	Caloosahatchee River GRID # 395 SUR	Estuary	8/27/2003	8/27/2003	1	26.5459666	-81.938383
21FLEECO_WQX-AB48212	Caloosahatchee River GRID # 395 BOT	Estuary	8/27/2003	8/27/2003	1	26.5459666	-81.938383
21FLEECO_WQX-AB48213	Caloosahatchee River GRID #423 SUR	Estuary	8/27/2003	8/27/2003	1	26.6013	-81.908233
21FLEECO_WQX-AB48215	Caloosahatchee River GRID # 452 SUR	Estuary	8/27/2003	8/27/2003	1	26.6846166	-81.853833
21FLEECO_WQX-AB48216	Caloosahatchee River GRID # 453 SUR	Estuary	8/27/2003	8/27/2003	1	26.68385	-81.839883
21FLEECO_WQX-AB48217	Caloosahatchee River GRID # 461 SUR	Estuary	8/27/2003	8/27/2003	1	26.6980333	-81.803666
21FLEECO_WQX-AB48967	Caloosahatchee River Grid # C423 Surface	Estuary	9/17/2003	9/17/2003	1	26.6067333	-81.90355
21FLEECO_WQX-AB48969	Caloosahatchee River Grid # C435 Surface	Estuary	9/17/2003	9/17/2003	1	26.6386	-81.89995
21FLEECO_WQX-AB48970	Caloosahatchee River Grid # C448 Surface	Estuary	9/17/2003	9/17/2003	1	26.6738833	-81.861366
21FLEECO_WQX-AB48971	Caloosahatchee River Grid # C456 Surface	Estuary	9/17/2003	9/17/2003	1	26.6972333	-81.787433
21FLEECO_WQX-AB50128	Caloosahatchee River Grid # 463 SUR	Estuary	10/15/2003	10/15/2003	1	26.7085833	-81.7694
21FLEECO_WQX-AB50129	Caloosahatchee River Grid # 449 SUR	Estuary	10/15/2003	10/15/2003	1	26.6743166	-81.83445
21FLEECO_WQX-AB50130	Caloosahatchee River Grid # 452 SUR	Estuary	10/15/2003	10/15/2003	1	26.6829666	-81.850116
21FLEECO_WQX-AB50132	Caloosahatchee River Grid # 434 SUR	Estuary	10/15/2003	10/15/2003	1	26.6466333	-81.89535
21FLEECO_WQX-AB50133	Caloosahatchee River Grid # 436 SUR	Estuary	10/15/2003	10/15/2003	1	26.6356666	-81.88385
21FLEECO_WQX-AB51536	Caloosahatchee River GRID# 393 SUR	Estuary	11/19/2003	11/19/2003	1	26.5355666	-81.972166
21FLEECO_WQX-AB51538	Caloosahatchee River GRID # 448 SUR	Estuary	11/19/2003	11/19/2003	1	26.6723166	-81.857966
21FLEECO_WQX-AB51539	Caloosahatchee River GRID # 443 SUR	Estuary	11/19/2003	11/19/2003	1	26.66705	-81.855066
21FLEECO_WQX-AB51540	Caloosahatchee River GRID # 437 SUR	Estuary	11/19/2003	11/19/2003	1	26.6484666	-81.8664

Site Number	Station Name	Site Type	Start Date	End Date	Count	Latitude	Longitude
21FLEECO_WQX-AB52633	Caloosahatchee River Grid # 413 SUR	Estuary	12/17/2003	12/17/2003	1	26.5679333	-81.91435
21FLEECO_WQX-AB52634	Caloosahatchee River Grid # 396 SUR	Estuary	12/17/2003	12/17/2003	1	26.5361166	-81.93005
21FLEECO_WQX-AB52635	Caloosahatchee River Grid # 411 SUR	Estuary	12/17/2003	12/17/2003	1	26.56465	-81.9354
21FLEECO_WQX-AB52637	Caloosahatchee River Grid # 427 SUR	Estuary	12/17/2003	12/17/2003	1	26.6238833	-81.917433
21FLEECO_WQX-AB52638	Caloosahatchee River Grid # 444 SUR	Estuary	12/17/2003	12/17/2003	1	26.6626666	-81.849783
21FLEECO_WQX-AB53543	Caloosahatchee River Grid # 467	Estuary	1/13/2004	1/13/2004	1	26.71605	-81.758883
21FLEECO_WQX-AB53545	Caloosahatchee River Grid # 462	Estuary	1/13/2004	1/13/2004	1	26.7073333	-81.784883
21FLEECO_WQX-AB53546	Caloosahatchee River Grid # 447	Estuary	1/13/2004	1/13/2004	1	26.6743333	-81.863
21FLEECO_WQX-AB53547	Caloosahatchee River Grid # 418	Estuary	1/13/2004	1/13/2004	1	26.5847666	-81.903083
21FLEECO_WQX-AB53548	Caloosahatchee River Grid # 394	Estuary	1/13/2004	1/13/2004	1	26.5337166	-81.9644
21FLEECO_WQX-AB54695	Caloosahatchee River Grid # 427	Estuary	2/11/2004	2/11/2004	1	26.6200166	-81.913416
21FLEECO_WQX-AB54696	Caloosahatchee River Grid # 418	Estuary	2/11/2004	2/11/2004	1	26.5842833	-81.9146
21FLEECO_WQX-AB54699	Caloosahatchee River Grid # 468	Estuary	2/11/2004	2/11/2004	1	26.71585	-81.749266
21FLEECO_WQX-AB54700	Caloosahatchee River Grid # 470	Estuary	2/11/2004	2/11/2004	1	26.7208166	-81.7371
21FLEECO_WQX-AB55752	Caloosahatchee River Grid # 442	Estuary	3/9/2004	3/9/2004	1	26.6564833	-81.878433
21FLEECO_WQX-AB55753	Caloosahatchee River Grid # 471	Estuary	3/9/2004	3/9/2004	1	26.7220666	-81.732566
21FLEECO_WQX-AB55755	Caloosahatchee River Grid # 424	Estuary	3/9/2004	3/9/2004	1	26.60485	-81.895166
21FLEECO_WQX-AB55756	Caloosahatchee River Grid # 423	Estuary	3/9/2004	3/9/2004	1	26.6034833	-81.90865
21FLEECO_WQX-AB55757	Caloosahatchee River Grid # 394	Estuary	3/9/2004	3/9/2004	1	26.5403833	-81.94825

Site Number	Station Name	Site Type	Start Date	End Date	Count	Latitude	Longitude
21FLEECO_WQX-AB56737	Caloosahatchee River Grid # 457	Estuary	4/6/2004	4/6/2004	1	26.69944	-81.78312
21FLEECO_WQX-AB56738	Caloosahatchee River Grid # 456	Estuary	4/6/2004	4/6/2004	1	26.69795	-81.78766
21FLEECO_WQX-AB56739	Caloosahatchee River Grid # 424	Estuary	4/6/2004	4/6/2004	1	26.60394	-81.89517
21FLEECO_WQX-AB56740	Caloosahatchee River Grid # 419	Estuary	4/6/2004	4/6/2004	1	26.59697	-81.8999
21FLEECO_WQX-AB56741	Caloosahatchee River Grid # 389	Estuary	4/6/2004	4/6/2004	1	26.53378	-81.94207
21FLEECO_WQX-AB58463	Caloosahatchee River Grid # 387	Estuary	5/18/2004	5/18/2004	1	26.5250666	-81.967066
21FLEECO_WQX-AB58465	Caloosahatchee River Grid # 389	Estuary	5/18/2004	5/18/2004	1	26.5248333	-81.96025
21FLEECO_WQX-AB58466	Caloosahatchee River Grid # 447	Estuary	5/18/2004	5/18/2004	1	26.6711833	-81.87
21FLEECO_WQX-AB58467	Caloosahatchee River Grid # 457	Estuary	5/18/2004	5/18/2004	1	26.6965166	-81.792583
21FLEECO_WQX-AB58468	Caloosahatchee River Grid # 469	Estuary	5/18/2004	5/18/2004	1	26.71805	-81.759566
21FLEECO_WQX-AB59532	Caloosahatchee River Grid # 412	Estuary	6/15/2004	6/15/2004	1	26.5696	-81.925816
21FLEECO_WQX-AB59533	Caloosahatchee River Grid # 422	Estuary	6/15/2004	6/15/2004	1	26.6091333	-81.911533
21FLEECO_WQX-AB59534	Caloosahatchee River Grid # 435	Estuary	6/15/2004	6/15/2004	1	26.6426666	-81.892816
21FLEECO_WQX-AB59536	Caloosahatchee River Grid # 442	Estuary	6/15/2004	6/15/2004	1	26.6614666	-81.8782
21FLEECO_WQX-AB59537	Caloosahatchee River Grid # 452	Estuary	6/15/2004	6/15/2004	1	26.6761	-81.863466
21FLEECO_WQX-AB60639	Caloosahatchee River Grid # 454 SUR	Estuary	7/13/2004	7/13/2004	1	26.6918166	-81.826583
21FLEECO_WQX-AB60641	Caloosahatchee River Grid # 443 SUR	Estuary	7/13/2004	7/13/2004	1	26.6507666	-81.866666
21FLEECO_WQX-AB60642	Caloosahatchee River Grid # 424 SUR	Estuary	7/13/2004	7/13/2004	1	26.6139	-81.893483
21FLEECO_WQX-AB60643	Caloosahatchee River Grid # 403 SUR	Estuary	7/13/2004	7/13/2004	1	26.5550333	-81.943766

Site Number	Station Name	Site Type	Start Date	End Date	Count	Latitude	Longitude
21FLEECO_WQX-AB60644	Caloosahatchee River Grid # 389 SUR	Estuary	7/13/2004	7/13/2004	1	26.5325166	-81.947983
21FLEECO_WQX-AB62327	Caloosahatchee River Grid #456 SUR	Estuary	8/24/2004	8/24/2004	1	26.6956333	-81.794466
21FLEECO_WQX-AB62328	Caloosahatchee River Grid #462 SUR	Estuary	8/24/2004	8/24/2004	1	26.7064333	-81.786433
21FLEECO_WQX-AB62329	Caloosahatchee River Grid #471 SUR	Estuary	8/24/2004	8/24/2004	1	26.7243666	-81.719416
21FLEECO_WQX-AB62331	Caloosahatchee River Grid #427 SUR	Estuary	8/24/2004	8/24/2004	1	26.63025	-81.9133
21FLEECO_WQX-AB62332	Caloosahatchee River Grid #413 SUR	Estuary	8/24/2004	8/24/2004	1	26.5748166	-81.904933
21FLEECO_WQX-AB62939	Caloosahatchee River Grid #412	Estuary	9/7/2004	9/7/2004	1	26.5767166	-81.928016
21FLEECO_WQX-AB62940	Caloosahatchee River Grid #422	Estuary	9/7/2004	9/7/2004	1	26.6097833	-81.910316
21FLEECO_WQX-AB62942	Caloosahatchee River Grid #435	Estuary	9/7/2004	9/7/2004	1	26.648	-81.8964
21FLEECO_WQX-AB62943	Caloosahatchee River Grid #442	Estuary	9/7/2004	9/7/2004	1	26.6606666	-81.879133
21FLEECO_WQX-AB62944	Caloosahatchee River Grid #452	Estuary	9/7/2004	9/7/2004	1	26.6842666	-81.8493
21FLEECO_WQX-AB64408	Caloosahatchee River Grid # 411	Estuary	10/12/2004	10/12/2004	1	26.56665	-81.933083
21FLEECO_WQX-AB64409	Caloosahatchee River Grid # 422	Estuary	10/12/2004	10/12/2004	1	26.6036166	-81.920233
21FLEECO_WQX-AB64410	Caloosahatchee River Grid # 430	Estuary	10/12/2004	10/12/2004	1	26.6150833	-81.891966
21FLEECO_WQX-AB64411	Caloosahatchee River Grid # 448	Estuary	10/12/2004	10/12/2004	1	26.6776666	-81.854183
21FLEECO_WQX-AB64412	Caloosahatchee River Grid # 470	Estuary	10/12/2004	10/12/2004	1	26.7208666	-81.7498
21FLEECO_WQX-AB65864	Caloosahatchee River Grid # 393	Estuary	11/17/2004	11/17/2004	1	26.53705	-81.976933
21FLEECO_WQX-AB65866	Caloosahatchee River Grid # 395	Estuary	11/17/2004	11/17/2004	1	26.5417666	-81.937666
21FLEECO_WQX-AB65867	Caloosahatchee River Grid # 403	Estuary	11/17/2004	11/17/2004	1	26.5507666	-81.9421

Site Number	Station Name	Site Type	Start Date	End Date	Count	Latitude	Longitude
21FLEECO_WQX-AB65868	Caloosahatchee River Grid # 412	Estuary	11/17/2004	11/17/2004	1	26.5699333	-81.93095
21FLEECO_WQX-AB65869	Caloosahatchee River Grid # 419	Estuary	11/17/2004	11/17/2004	1	26.5984333	-81.89655
21FLEECO_WQX-AB66736	Caloosahatchee River Grid # 413	Estuary	12/7/2004	12/7/2004	1	26.5711666	-81.914333
21FLEECO_WQX-AB66737	Caloosahatchee River Grid # 423	Estuary	12/7/2004	12/7/2004	1	26.61035	-81.9077
21FLEECO_WQX-AB66738	Caloosahatchee River Grid # 424	Estuary	12/7/2004	12/7/2004	1	26.6095833	-81.895533
21FLEECO_WQX-AB66739	Caloosahatchee River Grid # 434	Estuary	12/7/2004	12/7/2004	1	26.6426	-81.902816
21FLEECO_WQX-AB66740	Caloosahatchee River Grid # 462	Estuary	12/7/2004	12/7/2004	1	26.7002666	-81.794066
21FLEECO_WQX-AB68654	Caloosahatchee River Grid # 389	Estuary	1/25/2005	1/25/2005	1	26.53195	-81.945666
21FLEECO_WQX-AB68655	Caloosahatchee River Grid # 414	Estuary	1/25/2005	1/25/2005	1	26.5891833	-81.9001
21FLEECO_WQX-AB68656	Caloosahatchee River Grid # 430	Estuary	1/25/2005	1/25/2005	1	26.6301333	-81.887333
21FLEECO_WQX-AB68657	Caloosahatchee River Grid # 457	Estuary	1/25/2005	1/25/2005	1	26.6901166	-81.780283
21FLEECO_WQX-AB68659	Caloosahatchee River Grid # 469	Estuary	1/25/2005	1/25/2005	1	26.71995	-81.758216
21FLEECO_WQX-AB69675	Caloosahatchee River Grid # 396	Estuary	2/16/2005	2/16/2005	1	26.5517273	-81.926567
21FLEECO_WQX-AB69676	Caloosahatchee River Grid # 419	Estuary	2/16/2005	2/16/2005	1	26.5893329	-81.899707
21FLEECO_WQX-AB69677	Caloosahatchee River Grid # 453	Estuary	2/16/2005	2/16/2005	1	26.6840988	-81.846707
21FLEECO_WQX-AB69679	Caloosahatchee River Grid # 468	Estuary	2/16/2005	2/16/2005	1	26.7124907	-81.736817
21FLEECO_WQX-AB69680	Caloosahatchee River Grid # 470	Estuary	2/16/2005	2/16/2005	1	26.7176213	-81.736522
21FLEECO_WQX-AB70381	Caloosahatchee River Grid # 388	Estuary	3/8/2005	3/8/2005	1	26.5306301	-81.953181
21FLEECO_WQX-AB70382	Caloosahatchee River Grid # 389	Estuary	3/8/2005	3/8/2005	1	26.5351085	-81.937982

Site Number	Station Name	Site Type	Start Date	End Date	Count	Latitude	Longitude
21FLEECO_WQX-AB70383	Caloosahatchee River Grid # 423	Estuary	3/8/2005	3/8/2005	1	26.6029072	-81.916478
21FLEECO_WQX-AB70384	Caloosahatchee River Grid # 430	Estuary	3/8/2005	3/8/2005	1	26.6363071	-81.883244
21FLEECO_WQX-AB70385	Caloosahatchee River Grid # 471	Estuary	3/8/2005	3/8/2005	1	26.7222824	-81.722235
21FLEECO_WQX-AB70988	CRFMB1	Estuary	3/19/2005	3/19/2005	1	26.56634	-81.92354
21FLEECO_WQX-AB70989	CRFMB2	Estuary	3/19/2005	3/19/2005	1	26.54364	-81.92802
21FLEECO_WQX-AB70990	CRFMB3	Estuary	3/19/2005	3/19/2005	1	26.53885	-81.94119
21FLEECO_WQX-AB70991	CRFMB4	Estuary	3/19/2005	3/19/2005	1	26.52842	-81.99573
21FLEECO_WQX-AB71000	CRFMB1	Estuary	3/20/2005	3/20/2005	1	26.5615166	-81.925483
21FLEECO_WQX-AB71001	CRFMB2	Estuary	3/20/2005	3/20/2005	1	26.5437333	-81.92795
21FLEECO_WQX-AB71002	CRFMB3	Estuary	3/20/2005	3/20/2005	1	26.53878	-81.941133
21FLEECO_WQX-AB71003	CRFMB4	Estuary	3/20/2005	3/20/2005	1	26.5284666	-81.99575
21FLEECO_WQX-AB71031	CRFMB1	Estuary	3/21/2005	3/21/2005	1	26.5664333	-81.923533
21FLEECO_WQX-AB71032	CRFMB2	Estuary	3/21/2005	3/21/2005	1	26.5437333	-81.92795
21FLEECO_WQX-AB71034	CRFMB3	Estuary	3/21/2005	3/21/2005	1	26.53887	-81.941166
21FLEECO_WQX-AB71035	CRFMB4	Estuary	3/21/2005	3/21/2005	1	26.5119	-81.995666
21FLEECO_WQX-AB72401	Caloosahatchee River Grid # 417	Estuary	4/19/2005	4/19/2005	1	26.59337	-81.93053
21FLEECO_WQX-AB72402	Caloosahatchee River Grid # 442	Estuary	4/19/2005	4/19/2005	1	26.65865	-81.87883
21FLEECO_WQX-AB72403	Caloosahatchee River Grid # 443	Estuary	4/19/2005	4/19/2005	1	26.66157	-81.85089
21FLEECO_WQX-AB72404	Caloosahatchee River Grid # 450	Estuary	4/19/2005	4/19/2005	1	26.68184	-81.82774

Site Number	Station Name	Site Type	Start Date	End Date	Count	Latitude	Longitude
21FLEECO_WQX-AB73319	Caloosahatchee River Grid # 412	Estuary	5/9/2005	5/9/2005	1	26.58178	-81.91752
21FLEECO_WQX-AB73320	Caloosahatchee River Grid # 417	Estuary	5/9/2005	5/9/2005	1	26.59394	-81.92107
21FLEECO_WQX-AB73321	Caloosahatchee River Grid # 428	Estuary	5/9/2005	5/9/2005	1	26.6255	-81.91274
21FLEECO_WQX-AB73322	Caloosahatchee River Grid # 435	Estuary	5/9/2005	5/9/2005	1	26.64209	-81.89001
21FLEECO_WQX-AB73323	Caloosahatchee River Grid # 457	Estuary	5/9/2005	5/9/2005	1	26.68716	-81.78364
21FLEECO_WQX-AB74867	Caloosahatchee River Grid # 422	Estuary	6/13/2005	6/13/2005	1	26.61579	-81.92122
21FLEECO_WQX-AB74868	Caloosahatchee River Grid # 427	Estuary	6/13/2005	6/13/2005	1	26.62401	-81.92278
21FLEECO_WQX-AB74869	Caloosahatchee River Grid # 429	Estuary	6/13/2005	6/13/2005	1	26.6286	-81.89174
21FLEECO_WQX-AB74870	Caloosahatchee River Grid # 435	Estuary	6/13/2005	6/13/2005	1	26.63681	-81.89702
21FLEECO_WQX-AB74871	Caloosahatchee River Grid # 470	Estuary	6/13/2005	6/13/2005	1	26.71948	-81.74028
21FLEECO_WQX-AB76312	Caloosahatchee River Grid # 389	Estuary	7/18/2005	7/18/2005	1	26.53511	-81.94
21FLEECO_WQX-AB76314	Caloosahatchee River Grid # 411	Estuary	7/18/2005	7/18/2005	1	26.57052	-81.94043
21FLEECO_WQX-AB76315	Caloosahatchee River Grid # 424	Estuary	7/18/2005	7/18/2005	1	26.60782	-81.89553
21FLEECO_WQX-AB76316	Caloosahatchee River Grid # 437	Estuary	7/18/2005	7/18/2005	1	26.64848	-81.86652
21FLEECO_WQX-AB77476	Caloosahatchee River Grid # 428	Estuary	8/9/2005	8/9/2005	1	26.62931	-81.91307
21FLEECO_WQX-AB77477	Caloosahatchee River Grid # 435	Estuary	8/9/2005	8/9/2005	1	26.63691	-81.89602
21FLEECO_WQX-AB77478	Caloosahatchee River Grid # 448	Estuary	8/9/2005	8/9/2005	1	26.6714	-81.8581
21FLEECO_WQX-AB77479	Caloosahatchee River Grid # 453	Estuary	8/9/2005	8/9/2005	1	26.68548	-81.8436
21FLEECO_WQX-AB77480	Caloosahatchee River Grid # 464	Estuary	8/9/2005	8/9/2005	1	26.51778	-81.97723

Site Number	Station Name	Site Type	Start Date	End Date	Count	Latitude	Longitude
21FLEECO_WQX-AB79080	Caloosahatchee River Grid # 388	Estuary	9/12/2005	9/12/2005	1	26.53033	-81.94881
21FLEECO_WQX-AB79081	Caloosahatchee River Grid # 422	Estuary	9/12/2005	9/12/2005	1	26.60112	-81.92356
21FLEECO_WQX-AB79082	Caloosahatchee River Grid # 430	Estuary	9/12/2005	9/12/2005	1	26.63728	-81.88214
21FLEECO_WQX-AB79083	Caloosahatchee River Grid # 435	Estuary	9/12/2005	9/12/2005	1	26.64273	-81.88903
21FLEECO_WQX-AB79084	Caloosahatchee River Grid # 449	Estuary	9/12/2005	9/12/2005	1	26.67067	-81.84588
21FLEECO_WQX-AB80715	Caloosahatchee River Grid # 422	Estuary	10/10/2005	10/10/2005	1	26.60315	-81.92129
21FLEECO_WQX-AB80716	Caloosahatchee River Grid # 435	Estuary	10/10/2005	10/10/2005	1	26.64351	-81.88867
21FLEECO_WQX-AB80717	Caloosahatchee River Grid # 443	Estuary	10/10/2005	10/10/2005	1	26.66061	-81.86149
21FLEECO_WQX-AB80718	Caloosahatchee River Grid # 457	Estuary	10/10/2005	10/10/2005	1	26.70031	-81.78124
21FLEECO_WQX-AB80720	Caloosahatchee River Grid # 470	Estuary	10/10/2005	10/10/2005	1	26.71804	-81.74185
21FLEECO_WQX-AB80721	Caloosahatchee River Grid # 470 BOTTOM	Estuary	10/10/2005	10/10/2005	1	26.71804	-81.74185
21FLEECO_WQX-AB82844	Caloosahatchee River Grid # C387	Estuary	11/22/2005	11/22/2005	1	26.52155	-81.98059
21FLEECO_WQX-AB82845	Caloosahatchee River Grid # C388	Estuary	11/22/2005	11/22/2005	1	26.52438	-81.96058
21FLEECO_WQX-AB82846	Caloosahatchee River Grid # C395	Estuary	11/22/2005	11/22/2005	1	26.54539	-81.9352
21FLEECO_WQX-AB82847	Caloosahatchee River Grid # C404	Estuary	11/22/2005	11/22/2005	1	26.55563	-81.92822
21FLEECO_WQX-AB82849	Caloosahatchee River Grid # C422	Estuary	11/22/2005	11/22/2005	1	26.60754	-81.92078
21FLEECO_WQX-AB84133	Caloosahatchee River Grid #457	Estuary	12/19/2005	12/19/2005	1	26.7009	-81.77963
21FLEECO_WQX-AB84135	Caloosahatchee River Grid #454	Estuary	12/19/2005	12/19/2005	1	26.6866	-81.82799
21FLEECO_WQX-AB84136	Caloosahatchee River Grid #436	Estuary	12/19/2005	12/19/2005	1	26.64915	-81.87841

Site Number	Station Name	Site Type	Start Date	End Date	Count	Latitude	Longitude
21FLEECO_WQX-AB84137	Caloosahatchee River Grid #404	Estuary	12/19/2005	12/19/2005	1	26.56328	-81.92166
21FLEECO_WQX-AB84138	Caloosahatchee River Grid #386	Estuary	12/19/2005	12/19/2005	1	26.52127	-81.99567
21FLEECO_WQX-AB85003	Caloosahatchee River Grid #389	Estuary	1/11/2006	1/11/2006	1	26.5309	-81.95149
21FLEECO_WQX-AB85005	Caloosahatchee River Grid #394	Estuary	1/11/2006	1/11/2006	1	26.54419	-81.96254
21FLEECO_WQX-AB85006	Caloosahatchee River Grid #453	Estuary	1/11/2006	1/11/2006	1	26.69018	-81.83373
21FLEECO_WQX-AB85007	Caloosahatchee River Grid #454	Estuary	1/11/2006	1/11/2006	1	26.69197	-81.82388
21FLEECO_WQX-AB86513	Caloosahatchee River Grid #411	Estuary	2/8/2006	2/8/2006	1	26.57911	-81.93689
21FLEECO_WQX-AB86514	Caloosahatchee River Grid #422	Estuary	2/8/2006	2/8/2006	1	26.60073	-81.91898
21FLEECO_WQX-AB86515	Caloosahatchee River Grid #450	Estuary	2/8/2006	2/8/2006	1	26.68399	-81.83088
21FLEECO_WQX-AB86516	Caloosahatchee River Grid #452	Estuary	2/8/2006	2/8/2006	1	26.67816	-81.85573
21FLEECO_WQX-AB86517	Caloosahatchee River Grid #469	Estuary	2/8/2006	2/8/2006	1	26.71839	-81.75922
21FLEECO_WQX-AB89099	Caloosahatchee River Grid # 434	Estuary	3/27/2006	3/27/2006	1	26.64476	-81.90812
21FLEECO_WQX-AB89100	Caloosahatchee River Grid # 437	Estuary	3/27/2006	3/27/2006	1	26.6492	-81.8662
21FLEECO_WQX-AB89101	Caloosahatchee River Grid # 441	Estuary	3/27/2006	3/27/2006	1	26.65406	-81.8842
21FLEECO_WQX-AB89102	Caloosahatchee River Grid # 462	Estuary	3/27/2006	3/27/2006	1	26.70115	-81.78909
21FLEECO_WQX-AB89103	Caloosahatchee River Grid # 468	Estuary	3/27/2006	3/27/2006	1	26.7164	-81.74628
21FLEECO_WQX-AB90404	Caloosahatchee River Grid # 389	Estuary	4/17/2006	4/17/2006	1	26.52035	-81.96203
21FLEECO_WQX-AB90405	Caloosahatchee River Grid # 418 Surface	Estuary	4/17/2006	4/17/2006	1	26.59434	-81.90247
21FLEECO_WQX-AB90406	Caloosahatchee River Grid # 418 Bottom	Estuary	4/17/2006	4/17/2006	1	26.59434	-81.90247

Site Number	Station Name	Site Type	Start Date	End Date	Count	Latitude	Longitude
21FLEECO_WQX-AB90407	Caloosahatchee River Grid # 442	Estuary	4/17/2006	4/17/2006	1	26.66109	-81.8803
21FLEECO_WQX-AB90408	Caloosahatchee River Grid # 447	Estuary	4/17/2006	4/17/2006	1	26.66047	-81.87439
21FLEECO_WQX-AB90409	Caloosahatchee River Grid # 464	Estuary	4/17/2006	4/17/2006	1	26.51576	-81.99129
21FLEECO_WQX-AB91722	Caloosahatchee River Grid # 411	Estuary	5/10/2006	5/10/2006	1	26.56612	-81.94498
21FLEECO_WQX-AB91723	Caloosahatchee River Grid # 434	Estuary	5/10/2006	5/10/2006	1	26.64224	-81.9031
21FLEECO_WQX-AB91724	Caloosahatchee River Grid # 448	Estuary	5/10/2006	5/10/2006	1	26.66856	-81.86627
21FLEECO_WQX-AB91725	Caloosahatchee River Grid # 455	Estuary	5/10/2006	5/10/2006	1	26.69929	-81.80084
21FLEECO_WQX-AB91726	Caloosahatchee River Grid # 468	Estuary	5/10/2006	5/10/2006	1	26.71575	-81.7463
21FLEECO_WQX-AB94377	Caloosahatchee River Grid # 447	Estuary	6/28/2006	6/28/2006	1	26.66751	-81.896981
21FLEECO_WQX-AB94378	Caloosahatchee River Grid # 463	Estuary	6/28/2006	6/28/2006	1	26.70753	-81.77874
21FLEECO_WQX-AB94379	Caloosahatchee River Grid # 468	Estuary	6/28/2006	6/28/2006	1	26.71197	-81.74295
21FLEECO_WQX-AB94380	Caloosahatchee River Grid # 470	Estuary	6/28/2006	6/28/2006	1	26.72721	-81.75048
21FLEECO_WQX-AB96005	Caloosahatchee River Grid #394	Estuary	7/26/2006	7/26/2006	1	26.53607	-81.95392
21FLEECO_WQX-AB96006	Caloosahatchee River Grid #403	Estuary	7/26/2006	7/26/2006	1	26.55166	-81.94006
21FLEECO_WQX-AB96007	Caloosahatchee River Grid #418	Estuary	7/26/2006	7/26/2006	1	26.59295	-81.90997
21FLEECO_WQX-AB96008	Caloosahatchee River Grid #448	Estuary	7/26/2006	7/26/2006	1	26.66774	-81.85509
21FLEECO_WQX-AB96009	Caloosahatchee River Grid #454	Estuary	7/26/2006	7/26/2006	1	26.69922	-81.8307
21FLEECO_WQX-AB96138	Caloosahatchee River Grid #394 BOTTOM	Estuary	7/26/2006	7/26/2006	1	26.53607	-81.95392
21FLEECO_WQX-AB96913	Caloosahatchee River Grid # 387	Estuary	8/14/2006	8/14/2006	1	26.5298	-81.97896

Site Number	Station Name	Site Type	Start Date	End Date	Count	Latitude	Longitude
21FLEECO_WQX-AB96914	Caloosahatchee River Grid # 387 Bottom	Estuary	8/14/2006	8/14/2006	1	26.5298	-81.97896
21FLEECO_WQX-AB96915	Caloosahatchee River Grid # 412	Estuary	8/14/2006	8/14/2006	1	26.57276	-81.92788
21FLEECO_WQX-AB96916	Caloosahatchee River Grid # 428	Estuary	8/14/2006	8/14/2006	1	26.62585	-81.91585
21FLEECO_WQX-AB96917	Caloosahatchee River Grid # 448	Estuary	8/14/2006	8/14/2006	1	26.67708	-81.8532
21FLEECO_WQX-AB96918	Caloosahatchee River Grid # 471	Estuary	8/14/2006	8/14/2006	1	26.72447	-81.71953
21FLEECO_WQX-AB99268	Caloosahatchee River Grid # 389	Estuary	9/28/2006	9/28/2006	1	26.53235	-81.94214
21FLEECO_WQX-AB99269	Caloosahatchee River Grid # 414	Estuary	9/28/2006	9/28/2006	1	26.57758	-81.902
21FLEECO_WQX-AB99270	Caloosahatchee River Grid # 435	Estuary	9/28/2006	9/28/2006	1	26.64927	-81.89175
21FLEECO_WQX-AC00937	Caloosahatchee River Grid # 412	Estuary	10/24/2006	10/24/2006	1	26.57092	-81.92902
21FLEECO_WQX-AC00938	Caloosahatchee River Grid # 419	Estuary	10/24/2006	10/24/2006	1	26.59754	-81.89703
21FLEECO_WQX-AC00939	Caloosahatchee River Grid # 467	Estuary	10/24/2006	10/24/2006	1	26.71597	-81.7602
21FLEECO_WQX-AC02411	Caloosahatchee River Grid # 417	Estuary	11/16/2006	11/16/2006	1	26.58972	-81.93252
21FLEECO_WQX-AC02412	Caloosahatchee River Grid # 455	Estuary	11/16/2006	11/16/2006	1	26.69329	-81.79953
21FLEECO_WQX-AC02413	Caloosahatchee River Grid # 468	Estuary	11/16/2006	11/16/2006	1	26.71353	-81.74743
21FLEECO_WQX-AC04339	Caloosahatchee River Grid # 388	Estuary	12/18/2006	12/18/2006	1	26.52638	-81.95993
21FLEECO_WQX-AC04340	Caloosahatchee River Grid # 396	Estuary	12/18/2006	12/18/2006	1	26.54712	-81.91892
21FLEECO_WQX-AC04341	Caloosahatchee River Grid # 451	Estuary	12/18/2006	12/18/2006	1	26.68392	-81.82861
21FLEECO_WQX-AC06075	Caloosahatchee River Grid # 429	Estuary	1/23/2007	1/23/2007	1	26.62791	-81.88769
21FLEECO_WQX-AC06076	Caloosahatchee River Grid # 454	Estuary	1/23/2007	1/23/2007	1	26.68478	-81.82122

Site Number	Station Name	Site Type	Start Date	End Date	Count	Latitude	Longitude
21FLEECO_WQX- AC06077	Caloosahatchee River Grid # 463	Estuary	1/23/2007	1/23/2007	1	26.71216	-81.77004
21FLEECO_WQX- AC07648	Caloosahatchee River Grid # 450	Estuary	2/20/2007	2/20/2007	1	26.67903	-81.83012
21FLEECO_WQX- AC07652	Caloosahatchee River Grid # 413	Estuary	2/21/2007	2/21/2007	1	26.57994	-81.9106
21FLEECO_WQX- AC07653	Caloosahatchee River Grid # 441	Estuary	2/21/2007	2/21/2007	1	26.6575	-81.89437
21FLEECO_WQX- AC08739	Caloosahatchee River Grid # 448	Estuary	3/12/2007	3/12/2007	1	26.67066	-81.85824
21FLEECO_WQX- AC08789	Caloosahatchee River Grid # 434	Estuary	3/13/2007	3/13/2007	1	26.64766	-81.91369
21FLEECO_WQX- AC08790	Caloosahatchee River Grid # 417	Estuary	3/13/2007	3/13/2007	1	26.59038	-81.92052
21FLEECO_WQX- AC10522	Caloosahatchee River Grid # 471	Estuary	4/9/2007	4/9/2007	1	26.73033	-81.73281
21FLEECO_WQX- AC10526	Caloosahatchee River Grid # 419	Estuary	4/10/2007	4/10/2007	1	26.60135	-81.89653
21FLEECO_WQX- AC12850	Caloosahatchee River Grid # 450	Estuary	5/21/2007	5/21/2007	1	26.68252	-81.81937
21FLEECO_WQX- AC12854	Caloosahatchee River Grid # 419	Estuary	5/22/2007	5/22/2007	1	26.59001	-81.89824
21FLEECO_WQX- AC12855	Caloosahatchee River Grid # 464	Estuary	5/22/2007	5/22/2007	1	26.50923	-81.98182
21FLEECO_WQX- AC14020	Caloosahatchee River Grid # 442	Estuary	6/18/2007	6/18/2007	1	26.65232	-81.87169
21FLEECO_WQX- AC14025	Caloosahatchee River Grid #417	Estuary	6/19/2007	6/19/2007	1	26.58483	-81.92536
21FLEECO_WQX- AC14026	Caloosahatchee River Grid #424	Estuary	6/19/2007	6/19/2007	1	26.60812	-81.89502
21FLEECO_WQX- AC15646	Caloosahatchee River Grid #456	Estuary	7/23/2007	7/23/2007	1	26.68746	-81.78851
21FLEECO_WQX- AC15647	Caloosahatchee River Grid #468	Estuary	7/23/2007	7/23/2007	1	26.71346	-81.73456
21FLEECO_WQX- AC15651	Caloosahatchee River Grid #393	Estuary	7/24/2007	7/24/2007	1	26.53509	-81.97385
21FLEECO_WQX- AC16821	Caloosahatchee River Grid # 470	Estuary	8/20/2007	8/20/2007	1	26.71913	-81.74866

Site Number	Station Name	Site Type	Start Date	End Date	Count	Latitude	Longitude
21FLEECO_WQX- AC16825	Caloosahatchee River Grid # 393	Estuary	8/21/2007	8/21/2007	1	26.53348	-81.97203
21FLEECO_WQX- AC16826	Caloosahatchee River Grid # 423	Estuary	8/21/2007	8/21/2007	1	26.60139	-81.91345
21FLEECO_WQX- AC18061	Caloosahatchee River Grid # 455	Estuary	9/17/2007	9/17/2007	1	26.69528	-81.80728
21FLEECO_WQX- AC18062	Caloosahatchee River Grid # 470	Estuary	9/17/2007	9/17/2007	1	26.72709	-81.75045
21FLEECO_WQX- AC18066	Caloosahatchee River Grid # 411	Estuary	9/18/2007	9/18/2007	1	26.56616	-81.94943
21FLEECO_WQX- AC19391	Caloosahatchee River Grid # 447	Estuary	10/16/2007	10/16/2007	1	26.67886	-81.86184
21FLEECO_WQX- AC19392	Caloosahatchee River Grid # 461	Estuary	10/15/2007	10/15/2007	1	26.70889	-81.801
21FLEECO_WQX- AC19396	Caloosahatchee River Grid # 464	Estuary	10/16/2007	10/16/2007	1	26.51599	-81.96603
21FLEECO_WQX- AC20636	Caloosahatchee River Grid # 461	Estuary	11/15/2007	11/15/2007	1	26.70071	-81.81104
21FLEECO_WQX- AC20638	Caloosahatchee River Grid # 468	Estuary	11/15/2007	11/15/2007	1	26.71287	-81.73692
21FLEECO_WQX- AC20639	Caloosahatchee River Grid # 468 (Bottom)	Estuary	11/15/2007	11/15/2007	1	26.71287	-81.73692
21FLEECO_WQX- AC20644	Caloosahatchee River Grid # 434	Estuary	11/14/2007	11/14/2007	1	26.64134	-81.90173
21FLEECO_WQX- AC21739	Caloosahatchee River Grid # 437	Estuary	12/10/2007	12/10/2007	1	26.6491	-81.86574
21FLEECO_WQX- AC21746	Caloosahatchee River Grid # 387	Estuary	12/11/2007	12/11/2007	1	26.52007	-81.9778
21FLEECO_WQX- AC21748	Caloosahatchee River Grid # 418	Estuary	12/11/2007	12/11/2007	1	26.59727	-81.90089
21FLEECO_WQX- AC21750	Caloosahatchee River Grid # 418 Bottom	Estuary	12/11/2007	12/11/2007	1	26.59727	-81.90089
21FLEECO_WQX- AC22143	San Carlos Bay Site #350 Bottom	Estuary	12/19/2007	12/19/2007	1	26.51097	-82.00387
21FLEECO_WQX- AC22144	San Carlos Bay Site #350	Estuary	12/19/2007	12/19/2007	1	26.51097	-82.00387
21FLEECO_WQX- AC23291	Caloosahatchee River Grid #450	Estuary	1/23/2008	1/23/2008	1	26.67641	-81.83045

Site Number	Station Name	Site Type	Start Date	End Date	Count	Latitude	Longitude
21FLEECO_WQX-AC23292	Caloosahatchee River Grid #456	Estuary	1/23/2008	1/23/2008	1	26.69454	-81.79151
21FLEECO_WQX-AC23310	Caloosahatchee River Grid #435	Estuary	1/24/2008	1/24/2008	1	26.63883	-81.89745
21FLEECO_WQX-AC23314	Caloosahatchee River Grid #435 Bottom	Estuary	1/24/2008	1/24/2008	1	26.63883	-81.89745
21FLEECO_WQX-AC24064	Caloosahatchee River Grid #434	Estuary	2/12/2008	2/12/2008	1	26.63467	-81.91333
21FLEECO_WQX-AC24066	Caloosahatchee River Grid #436	Estuary	2/12/2008	2/12/2008	1	26.69021	-81.87975
21FLEECO_WQX-AC24068	Caloosahatchee River Grid #441	Estuary	2/12/2008	2/12/2008	1	26.65125	-81.89984
21FLEECO_WQX-AC25424	Caloosahatchee River Grid #470	Estuary	3/10/2008	3/10/2008	1	26.72683	-81.7508
21FLEECO_WQX-AC25430	Caloosahatchee River Grid #388	Estuary	3/11/2008	3/11/2008	1	26.52683	-81.95838
21FLEECO_WQX-AC25433	Caloosahatchee River Grid #417	Estuary	3/11/2008	3/11/2008	1	26.59826	-81.93225
21FLEECO_WQX-AC25434	Caloosahatchee River Grid #417 Bottom	Estuary	3/11/2008	3/11/2008	1	26.59826	-81.93225
21FLEECO_WQX-AC26956	Caloosahatchee River Grid #461	Estuary	4/8/2008	4/8/2008	1	26.70566	-81.80634
21FLEECO_WQX-AC26957	Caloosahatchee River Grid #467	Estuary	4/8/2008	4/8/2008	1	26.71662	-81.75998
21FLEECO_WQX-AC26958	Caloosahatchee River Grid #467 Bottom	Estuary	4/8/2008	4/8/2008	1	26.71662	-81.75998
21FLEECO_WQX-AC26962	Caloosahatchee River Grid #394	Estuary	4/9/2008	4/9/2008	1	26.5494	-81.95407
21FLEECO_WQX-AC28123	Estero Bay # 451	Estuary	5/6/2008	5/6/2008	1	26.68899	-81.79674
21FLEECO_WQX-AC28124	Estero Bay # 451 Bottom	Estuary	5/6/2008	5/6/2008	1	26.68899	-81.79674
21FLEECO_WQX-AC28136	Estero Bay # 424	Estuary	5/7/2008	5/7/2008	1	26.6021	-81.89635
21FLEECO_WQX-AC28137	Estero Bay # 424 Bottom	Estuary	5/7/2008	5/7/2008	1	26.6021	-81.89635
21FLEECO_WQX-AC28139	Estero Bay # 403	Estuary	5/7/2008	5/7/2008	1	26.55407	-81.94299

Site Number	Station Name	Site Type	Start Date	End Date	Count	Latitude	Longitude
21FLEECO_WQX- AC28140	Estero Bay # 403 Bottom	Estuary	5/7/2008	5/7/2008	1	26.55407	-81.94299
21FLEECO_WQX- AC29558	Caloosahatchee River Grid #468	Estuary	6/9/2008	6/9/2008	1	26.71601	-81.73626
21FLEECO_WQX- AC29559	Caloosahatchee River Grid #468 Bottom	Estuary	6/9/2008	6/9/2008	1	26.71601	-81.73626
21FLEECO_WQX- AC29563	Caloosahatchee River Grid #430	Estuary	6/10/2008	6/10/2008	1	26.64631	-81.87879
21FLEECO_WQX- AC29565	Caloosahatchee River Grid #437	Estuary	6/10/2008	6/10/2008	1	26.64831	-81.87025
21FLEECO_WQX- AC29566	Caloosahatchee River Grid #437 Bottom	Estuary	6/10/2008	6/10/2008	1	26.64831	-81.87025
21FLEECO_WQX- AC30726	Caloosahatchee River Grid #463	Estuary	7/8/2008	7/8/2008	1	26.71257	-81.76985
21FLEECO_WQX- AC30728	Caloosahatchee River Grid #451	Estuary	7/8/2008	7/8/2008	1	26.68279	-81.81789
21FLEECO_WQX- AC30736	Caloosahatchee River Grid #464	Estuary	7/9/2008	7/9/2008	1	26.51552	-81.97865
21FLEECO_WQX- AC30738	Caloosahatchee River Grid #464 Bottom	Estuary	7/9/2008	7/9/2008	1	26.51552	-81.97865
21FLEECO_WQX- AC32401	Caloosahatchee River Grid #471	Estuary	8/21/2008	8/21/2008	1	26.71965	-81.72801
21FLEECO_WQX- AC32407	Caloosahatchee River Grid #423	Estuary	8/22/2008	8/22/2008	1	26.60762	-81.91593
21FLEECO_WQX- AC32408	Caloosahatchee River Grid #423 Bottom	Estuary	8/22/2008	8/22/2008	1	26.60762	-81.91593
21FLEECO_WQX- AC32409	Caloosahatchee River Grid #427	Estuary	8/22/2008	8/22/2008	1	26.60648	-81.91227
21FLEECO_WQX- AC32410	Caloosahatchee River Grid #427 Bottom	Estuary	8/22/2008	8/22/2008	1	26.60648	-81.91227
21FLEECO_WQX- AC33667	Caloosahatchee River Grid #441	Estuary	9/17/2008	9/17/2008	1	26.65976	-81.88737
21FLEECO_WQX- AC33668	Caloosahatchee River Grid #441 Bottom	Estuary	9/17/2008	9/17/2008	1	26.65976	-81.88737
21FLEECO_WQX- AC33672	Caloosahatchee River Grid #412	Estuary	9/18/2008	9/18/2008	1	26.5794	-81.92035
21FLEECO_WQX- AC33673	Caloosahatchee River Grid #412 BOTTOM	Estuary	9/18/2008	9/18/2008	1	26.5794	-81.92035

Site Number	Station Name	Site Type	Start Date	End Date	Count	Latitude	Longitude
21FLEECO_WQX-AC33674	Caloosahatchee River Grid #414	Estuary	9/18/2008	9/18/2008	1	26.57622	-81.89516
21FLEECO_WQX-AC33675	Caloosahatchee River Grid #414 BOTTOM	Estuary	9/18/2008	9/18/2008	1	26.57622	-81.89516
21FLEECO_WQX-AC35103	Caloosahatchee River Grid # 468	Estuary	10/20/2008	10/20/2008	1	26.7137	-81.73768
21FLEECO_WQX-AC35104	Caloosahatchee River Grid # 468 (Bottom)	Estuary	10/20/2008	10/20/2008	1	26.7137	-81.73768
21FLEECO_WQX-AC35109	Caloosahatchee River Grid # 427	Estuary	10/21/2008	10/21/2008	1	26.62812	-81.91838
21FLEECO_WQX-AC35110	Caloosahatchee River Grid # 427 (Bottom)	Estuary	10/21/2008	10/21/2008	1	26.62812	-81.91838
21FLEECO_WQX-AC35111	Caloosahatchee River Grid # 436	Estuary	10/21/2008	10/21/2008	1	26.64566	-81.87342
21FLEECO_WQX-AC35112	Caloosahatchee River Grid # 436 (Bottom)	Estuary	10/21/2008	10/21/2008	1	26.64566	-81.87342
21FLEECO_WQX-AC36510	Caloosahatchee River Grid # 463	Estuary	11/17/2008	11/17/2008	1	26.70494	-81.77438
21FLEECO_WQX-AC36511	Caloosahatchee River Grid # 463 Bottom	Estuary	11/17/2008	11/17/2008	1	26.70494	-81.77438
21FLEECO_WQX-AC36535	Caloosahatchee River Grid # 434 Bottom	Estuary	11/18/2008	11/18/2008	1	26.64756	-81.90491
21FLEECO_WQX-AC36536	Caloosahatchee River Grid # 434	Estuary	11/18/2008	11/18/2008	1	26.64756	-81.90491
21FLEECO_WQX-AC36537	Caloosahatchee River Grid # 395 Bottom	Estuary	11/18/2008	11/18/2008	1	26.54823	-81.94467
21FLEECO_WQX-AC36538	Caloosahatchee River Grid # 395	Estuary	11/18/2008	11/18/2008	1	26.54823	-81.94467
21FLEECO_WQX-AC37622	Caloosahatchee River Grid # 453	Estuary	12/15/2008	12/15/2008	1	26.68947	-81.84238
21FLEECO_WQX-AC37683	Caloosahatchee River Grid # 395	Estuary	12/16/2008	12/16/2008	1	26.54691	-81.94859
21FLEECO_WQX-AC37684	Caloosahatchee River Grid # 395 (Bottom)	Estuary	12/16/2008	12/16/2008	1	26.54691	-81.94859
21FLEECO_WQX-AC37685	Caloosahatchee River Grid # 396	Estuary	12/16/2008	12/16/2008	1	26.54889	-81.928
21FLEECO_WQX-AC38703	Caloosahatchee River Grid # 444	Estuary	1/14/2009	1/14/2009	1	26.66799	-81.84335

Site Number	Station Name	Site Type	Start Date	End Date	Count	Latitude	Longitude
21FLEECO_WQX-AC38709	Caloosahatchee River Grid # 435	Estuary	1/13/2009	1/13/2009	1	26.63742	-81.89
21FLEECO_WQX-AC38710	Caloosahatchee River Grid # 435 BOTTOM	Estuary	1/13/2009	1/13/2009	1	26.63742	-81.89
21FLEECO_WQX-AC38711	Caloosahatchee River Grid # 423	Estuary	1/13/2009	1/13/2009	1	26.60341	-81.90044
21FLEECO_WQX-AC38712	Caloosahatchee River Grid # 423 BOTTOM	Estuary	1/13/2009	1/13/2009	1	26.60341	-81.90044
21FLEECO_WQX-AC39867	Caloosahatchee River Grid # 451	Estuary	2/9/2009	2/9/2009	1	26.6784	-81.82924
21FLEECO_WQX-AC39869	Caloosahatchee River Grid # 472	Estuary	2/9/2009	2/9/2009	1	26.72497	-81.7035
21FLEECO_WQX-AC39875	Caloosahatchee River Grid # 389	Estuary	2/10/2009	2/10/2009	1	26.53113	-81.94708
21FLEECO_WQX-AC41047	Caloosahatchee River Grid # 449	Estuary	3/9/2009	3/9/2009	1	26.68187	-81.84689
21FLEECO_WQX-AC41053	Caloosahatchee River Grid # 424	Estuary	3/10/2009	3/10/2009	1	26.61372	-81.89304
21FLEECO_WQX-AC41055	Caloosahatchee River Grid # 464	Estuary	3/10/2009	3/10/2009	1	26.51407	-81.97869
21FLEECO_WQX-AC41201	San Carlos Bay Site #338	Estuary	3/11/2009	3/11/2009	1	26.51065	-82.009
21FLEECO_WQX-AC41202	San Carlos Bay Site #338 Bottom	Estuary	3/11/2009	3/11/2009	1	26.51065	-82.009
21FLEECO_WQX-AC43075	Caloosahatchee River Grid # 471	Estuary	4/27/2009	4/27/2009	1	26.72186	-81.71732
21FLEECO_WQX-AC43081	Caloosahatchee River Grid # 419	Estuary	4/28/2009	4/28/2009	1	26.59833	-81.89806
21FLEECO_WQX-AC43082	Caloosahatchee River Grid # 419 BOTTOM	Estuary	4/28/2009	4/28/2009	1	26.59833	-81.89806
21FLEECO_WQX-AC43083	Caloosahatchee River Grid # 423	Estuary	4/28/2009	4/28/2009	1	26.60994	-81.90915
21FLEECO_WQX-AC44180	Caloosahatchee River Grid # 463	Estuary	5/26/2009	5/26/2009	1	26.70334	-81.77941
21FLEECO_WQX-AC44181	Caloosahatchee River Grid # 463 Bottom	Estuary	5/26/2009	5/26/2009	1	26.70334	-81.77941
21FLEECO_WQX-AC44182	Caloosahatchee River Grid # 471	Estuary	5/26/2009	5/26/2009	1	26.72297	-81.71901

Site Number	Station Name	Site Type	Start Date	End Date	Count	Latitude	Longitude
21FLEECO_WQX-AC44183	Caloosahatchee River Grid # 471 Bottom	Estuary	5/26/2009	5/26/2009	1	26.72297	-81.71901
21FLEECO_WQX-AC44236	Caloosahatchee River Grid # 418	Estuary	5/27/2009	5/27/2009	1	26.58699	-81.91647
21FLEECO_WQX-AC44237	Caloosahatchee River Grid # 418 Bottom	Estuary	5/27/2009	5/27/2009	1	26.58699	-81.91647
21FLEECO_WQX-AC45395	CES Grid #451	Estuary	6/29/2009	6/29/2009	1	26.67774	-81.82821
21FLEECO_WQX-AC45401	CES Grid #436	Estuary	6/30/2009	6/30/2009	1	26.64606	-81.87294
21FLEECO_WQX-AC45402	CES Grid #436 Bottom	Estuary	6/30/2009	6/30/2009	1	26.64606	-81.87294
21FLEECO_WQX-AC45403	CES Grid #396	Estuary	6/30/2009	6/30/2009	1	26.53582	-81.92436
21FLEECO_WQX-AC45404	CES Grid #396 Bottom	Estuary	6/30/2009	6/30/2009	1	26.53582	-81.92436
21FLEECO_WQX-AC46365	Caloosahatchee River Grid # 435	Estuary	7/27/2009	7/27/2009	1	26.64969	-81.88732
21FLEECO_WQX-AC46366	Caloosahatchee River Grid # 435 Bottom	Estuary	7/27/2009	7/27/2009	1	26.64969	-81.88732
21FLEECO_WQX-AC46439	Caloosahatchee River Grid # 419	Estuary	7/28/2009	7/28/2009	1	26.59663	-81.89618
21FLEECO_WQX-AC47673	Caloosahatchee River Grid # 463	Estuary	8/25/2009	8/25/2009	1	26.71285	-81.76966
21FLEECO_WQX-AC47821	Caloosahatchee River Grid # 394	Estuary	8/26/2009	8/26/2009	1	26.54707	-81.95852
21FLEECO_WQX-AC47822	Caloosahatchee River Grid # 394 Bottom	Estuary	8/26/2009	8/26/2009	1	26.54707	-81.95852
21FLEECO_WQX-AC47823	Caloosahatchee River Grid # 427	Estuary	8/26/2009	8/26/2009	1	26.62434	-81.93046
21FLEECO_WQX-AC47824	Caloosahatchee River Grid # 427 Bottom	Estuary	8/26/2009	8/26/2009	1	26.62434	-81.93046
21FLEECO_WQX-AC48733	Caloosahatchee River Grid #455	Estuary	9/21/2009	9/21/2009	1	26.68872	-81.80276
21FLEECO_WQX-AC48734	Caloosahatchee River Grid #455 Bottom	Estuary	9/21/2009	9/21/2009	1	26.68872	-81.80276
21FLEECO_WQX-AC48735	Caloosahatchee River Grid #471	Estuary	9/21/2009	9/21/2009	1	26.72356	-81.72523

Site Number	Station Name	Site Type	Start Date	End Date	Count	Latitude	Longitude
21FLEECO_WQX-AC48750	Caloosahatchee River Grid #422	Estuary	9/22/2009	9/22/2009	1	26.60768	-81.92279
21FLEECO_WQX-AC48751	Caloosahatchee River Grid #422 Bottom	Estuary	9/22/2009	9/22/2009	1	26.60768	-81.92279
21FLEECO_WQX-AC50086	Caloosahatchee River Grid # 442	Estuary	10/26/2009	10/26/2009	1	26.66196	-81.87271
21FLEECO_WQX-AC50087	Caloosahatchee River Grid # 442 Bottom	Estuary	10/26/2009	10/26/2009	1	26.66196	-81.87271
21FLEECO_WQX-AC50088	Caloosahatchee River Grid # 447	Estuary	10/26/2009	10/26/2009	1	26.66638	-81.87459
21FLEECO_WQX-AC50117	Caloosahatchee River Grid # 418	Estuary	10/27/2009	10/27/2009	1	26.5958	-81.90776
21FLEECO_WQX-AC50118	Caloosahatchee River Grid # 418 Bottom	Estuary	10/27/2009	10/27/2009	1	26.5958	-81.90776
21FLEECO_WQX-AC51229	CES Random Grid #448	Estuary	11/23/2009	11/23/2009	1	26.67491	-81.86227
21FLEECO_WQX-AC51235	CES Random-Grid #395	Estuary	11/24/2009	11/24/2009	1	26.53492	-81.94498
21FLEECO_WQX-AC51236	CES Random-Grid #395 Bottom	Estuary	11/24/2009	11/24/2009	1	26.53492	-81.94498
21FLEECO_WQX-AC51237	CES Random-Grid #464	Estuary	11/24/2009	11/24/2009	1	26.50877	-81.97608
21FLEECO_WQX-AC52064	CES Grid #454	Estuary	12/14/2009	12/14/2009	1	26.68746	-81.82395
21FLEECO_WQX-AC52065	CES Grid #454 Bottom	Estuary	12/14/2009	12/14/2009	1	26.68746	-81.82395
21FLEECO_WQX-AC52131	CES Grid #387	Estuary	12/15/2009	12/15/2009	1	26.52687	-81.98354
21FLEECO_WQX-AC52132	CES Grid #387 Bottom	Estuary	12/15/2009	12/15/2009	1	26.52687	-81.98354
21FLEECO_WQX-AC52133	CES Grid #435	Estuary	12/15/2009	12/15/2009	1	26.63754	-81.88372
21FLEECO_WQX-AC53279	Caloosahatchee River Grid # 448	Estuary	1/19/2010	1/19/2010	1	26.6746	-81.86261
21FLEECO_WQX-AC53281	Caloosahatchee River Grid # 462	Estuary	1/19/2010	1/19/2010	1	26.70176	-81.80022
21FLEECO_WQX-AC53378	Caloosahatchee River Grid # 403	Estuary	1/20/2010	1/20/2010	1	26.55035	-81.93959

Site Number	Station Name	Site Type	Start Date	End Date	Count	Latitude	Longitude
21FLEECO_WQX-AC53379	Caloosahatchee River Grid # 403 Bottom	Estuary	1/20/2010	1/20/2010	1	26.55035	-81.93959
21FLEECO_WQX-BILLGR20	Veronica Shoemaker	River/Stream	10/16/1990	12/13/2017	329	26.654238	81.840397
21FLEECO_WQX-BILLGR60	Ortiz	River/Stream	10/16/1990	12/13/2017	324	26.665215	81.812236
21FLEECO_WQX-CFMBILLY1	Billy Creek at Seaboard St	River/Stream	2/8/2005	6/17/2010	65	26.65073	-81.85287
21FLEECO_WQX-CFMBILLY3	Zapato St discharge into Billy Creek	River/Stream	2/8/2005	6/17/2010	65	26.654	-81.83355
21FLEECO_WQX-CFMBILLY4	Billy Creek upstream of Zapato St canal discharge	River/Stream	2/8/2005	6/17/2010	65	26.65563	-81.83437
21FLEECO_WQX-CFMBILLY6	Billy Creek upstream of Ford St discharge	River/Stream	2/8/2005	6/17/2010	64	26.6498	-81.84773
21FLEECO_WQX-CFMBROADWAY	Caloosahatchee at the end of Broadway at Centennial Park	River/Stream	2/8/2005	6/17/2010	66	26.64585	-81.8718
21FLEECO_WQX-CFMMANUEL	Manuel's Branch at control structure behind Ft Myers High	River/Stream	2/8/2005	6/17/2010	65	26.62708	-81.88003
21FLEECO_WQX-CYPRESSGR	Cypress Creek	River/Stream	6/7/2005	12/19/2017	149	26.726014	81.627003
21FLEECO_WQX-DEEPGR10	Deep Lagoon McGregor	River/Stream	10/16/1990	12/12/2017	341	26.539153	81.918514
21FLEECO_WQX-DEEPGR50	Deep Lagoon Gladiolus	River/Stream	10/16/1990	12/12/2017	338	26.518467	81.923533
21FLEECO_WQX-DEEPGR90	Deep Lagoon Summerlin	River/Stream	10/16/1990	12/12/2017	322	26.497913	81.920118
21FLEECO_WQX-FICHTERSGR	Fichters Creek	River/Stream	7/19/2005	12/19/2017	149	26.72482	81.66846
21FLEECO_WQX-GATRGR30	Gator Burnt Store	River/Stream	10/19/1990	12/27/2017	318	26.694161	82.038869
21FLEECO_WQX-GATRGR91	Daughtry I-75	River/Stream	10/19/1990	12/27/2017	246	26.744585	81.855695
21FLEECO_WQX-POWLGR20	Powl Creek	River/Stream	10/19/1990	12/4/2017	321	26.683132	81.877392
21FLEECO_WQX-SPANISHGR	Spanish Creek	River/Stream	6/7/2005	12/19/2017	141	26.725789	81.599142
21FLEECO_WQX-WHISGR18	College Pkwy Canal	River/Stream	5/16/2016	12/13/2017	20	26.556327	81.896108

Site Number	Station Name	Site Type	Start Date	End Date	Count	Latitude	Longitude
21FLEECO_WQX-YFC-CI	Judd Creek blvd	River/Stream	6/26/1997	12/26/2017	247	26.681003	81.904339
21FLFMRI-CHA200216	Charlotte Harbor - Caloosahatchee River	Estuary	7/30/2002	7/30/2002	1	26.67	-81.83
21FLFMRI-CHA200218	Charlotte Harbor - Caloosahatchee River	Estuary	7/30/2002	7/30/2002	1	26.64	-81.88
21FLFMRI-CHA200222	Charlotte Harbor - Caloosahatchee River	Estuary	7/22/2002	7/22/2002	1	26.56	-81.92
21FLFMRI-CHA200225	Charlotte Harbor - Caloosahatchee River	Estuary	7/22/2002	7/22/2002	1	26.52	-81.99
21FLFMRI-CHA200230	Charlotte Harbor - Iona Point	Estuary	8/1/2002	8/1/2002	1	26.51	-81.97
21FLFMRI-STR200116	StateNonTrend - Caloosahatchee River	Estuary	7/3/2001	7/3/2001	1	26.53	-81.92
21FLFMRI-STR200217	StateNonTrend - Caloosahatchee River	Estuary	8/1/2002	8/1/2002	1	26.53	-81.98
21FLFMRI_WQX-CHA200216	Charlotte Harbor - Caloosahatchee River	Estuary	7/30/2002	7/30/2002	1	26.67	-81.83
21FLFMRI_WQX-CHA200218	Charlotte Harbor - Caloosahatchee River	Estuary	7/30/2002	7/30/2002	1	26.64	-81.88
21FLFMRI_WQX-CHA200222	Charlotte Harbor - Caloosahatchee River	Estuary	7/22/2002	7/22/2002	1	26.56	-81.92
21FLFMRI_WQX-CHA200225	Charlotte Harbor - Caloosahatchee River	Estuary	7/22/2002	7/22/2002	1	26.52	-81.99
21FLFMRI_WQX-STR200116	StateNonTrend - Caloosahatchee River	Estuary	7/3/2001	7/3/2001	1	26.53	-81.92
21FLFMRI_WQX-STR200217	StateNonTrend - Caloosahatchee River	Estuary	8/1/2002	8/1/2002	1	26.53	-81.98
21FLFTM_WQX-24-19GR	STROUD CREEK AT MERLE	River/Stream	2/21/2005	10/30/2013	6	26.7461944	-81.7954166
21FLFTM_WQX-270-GR20	Owl Creek @ SR 78 - WB 3240N	River/Stream	7/24/2007	12/4/2007	13	26.7400555	-81.755527
21FLFTM_WQX-28020005	YELLOW FEVER CR AT LITTLETON RD	River/Stream	2/21/2005	10/10/2005	4	26.6969444	-81.92
21FLFTM_WQX-28020006	CALOOS R SR 78B BR	River/Stream	3/25/1999	4/6/2015	16	26.7133333	-81.6105556
21FLFTM_WQX-28020008	CALOOS R SR 78A BR	River/Stream	9/15/2008	9/15/2008	1	26.745	-81.5108333

Site Number	Station Name	Site Type	Start Date	End Date	Count	Latitude	Longitude
21FLFTM_WQX-28020011	ORANGE RIVER AT FP&L DISCHG CANA	Estuary	2/27/2002	2/27/2002	1	26.6897222	-81.7813889
21FLFTM_WQX-28020019	CALOOSAHATCHEE R FRANKLIN LOCK L	River/Stream	3/29/1999	10/17/2005	14	26.7230556	-81.6908333
21FLFTM_WQX-28020020	CALOOSAHATCHEE R ORTONA LOCK MID	River/Stream	2/23/1999	1/24/2000	10	26.7911111	-81.3044444
21FLFTM_WQX-28020021	CALOOSAHATCHEE R US 27 BR MOOR H	River/Stream	2/22/1999	12/20/1999	10	26.8313889	-81.0883333
21FLFTM_WQX-28020022	CALOOSAHATCHEE R MOORE HAVEN LOC	River/Stream	1/18/2000	1/18/2000	1	26.8397222	-81.0883333
21FLFTM_WQX-28020025	FT MYERS CO CL DITCH SR 867 BR W	River/Stream	3/24/1999	12/7/2016	23	26.6113889	-81.885
21FLFTM_WQX-28020026	BILLY CR SR 80 BR NE FT MYERS	River/Stream	2/6/2008	11/14/2011	11	26.6513889	-81.8569444
21FLFTM_WQX-28020027	ORANGE R SR 80 BR NE FT MYERS LE	River/Stream	3/6/2013	11/11/2013	4	26.6877778	-81.7922222
21FLFTM_WQX-28020028	HICKEY CR SR 80 BR E OLGA LEE CO	River/Stream	7/1/2013	10/30/2013	2	26.715	-81.6730556
21FLFTM_WQX-28020030	TOWNSEND C SR 80 BR E LEE-HENDRY	River/Stream	3/3/1999	12/21/2011	21	26.7091667	-81.5591667
21FLFTM_WQX-28020031	FT SIMMONS BRA SR 80 BR S FT DEN	River/Stream	3/3/1999	12/19/2013	18	26.7094444	-81.5125
21FLFTM_WQX-28020032	ROBERTS C SR 80 BR S FT DENAUD H	Estuary	3/3/1999	10/13/2008	16	26.7125	-81.5047222
21FLFTM_WQX-28020034	UNNAMED CR SR 80 BR 1.9 M SW LAB	River/Stream	2/16/2005	10/11/2005	5	26.7458333	-81.4619444
21FLFTM_WQX-28020035	YELLOW FEVER CR SR 78 BR W FT MY	River/Stream	3/19/2001	12/4/2007	19	26.681929	-81.910921
21FLFTM_WQX-28020036	POWELL CR SR 78 BR N FT MYERS LE	River/Stream	12/15/2015	12/15/2015	1	26.683146	-81.877396
21FLFTM_WQX-28020037	DAUGHTREY CR SR 78 BR NE OF N FT	River/Stream	1/12/2011	11/15/2011	6	26.7038889	-81.8452778
21FLFTM_WQX-28020038	POPASH CR SR 78 BR NE FT MYERS L	River/Stream	7/25/2007	8/14/2007	2	26.7147222	-81.8091667
21FLFTM_WQX-28020039	STROUD CR SR 78 BR NE OF NORTH F	River/Stream	2/21/2005	10/31/2016	36	26.714881	-81.799788
21FLFTM_WQX-28020040	TROUT CR SR 78 BR E SR 31 INTERS	River/Stream	3/31/2015	3/31/2015	1	26.74016	-81.73692

Site Number	Station Name	Site Type	Start Date	End Date	Count	Latitude	Longitude
21FLFTM_WQX-28020041	<u>TELEGRAPH CR SR 78 BR E SR 31 IN</u>	River/Stream	7/24/2007	7/24/2007	1	26.7302778	-81.7022222
21FLFTM_WQX-28020042	<u>CYPRESS CR SR 78 BR W ALVA</u>	River/Stream	3/25/1999	11/22/2005	17	26.7258333	-81.6272222
21FLFTM_WQX-28020043	<u>SPANISH CR SR 78 BR E ALVA</u>	River/Stream	2/2/1999	6/27/2006	20	26.725807	-81.599157
21FLFTM_WQX-28020044	<u>JACKS BRAN SR 78 BR NW FT DENAUD</u>	River/Stream	3/23/1999	10/16/2013	32	26.7472222	-81.5136111
21FLFTM_WQX-28020057	<u>FAST CK SR 80 BR</u>	River/Stream	2/16/2005	10/11/2005	5	26.7377778	-81.4716667
21FLFTM_WQX-28020058	<u>FAST CK SR 80A BR</u>	River/Stream	3/24/1999	11/17/2008	30	26.743188	-81.472982
21FLFTM_WQX-28020075	<u>FLAGHOLE D D STA 3</u>	River/Stream	2/11/2008	8/11/2008	4	26.7527778	-81.0480556
21FLFTM_WQX-28020076	<u>FLAGHOLE D D STA 4</u>	River/Stream	2/15/2005	12/1/2005	5	26.7463889	-81.0480556
21FLFTM_WQX-28020085	<u>ORANGE R OR R BLVD BR</u>	River/Stream	7/25/2007	7/25/2007	1	26.6747222	-81.7358333
21FLFTM_WQX-28020087	<u>BILLY CREEK AT SR808</u>	Estuary	7/25/2007	10/20/2008	6	26.6647222	-81.8127778
21FLFTM_WQX-28020110	<u>CALOOS R UPST FP & L INF</u>	Estuary	1/16/2008	6/13/2017	113	26.7005556	-81.7811111
21FLFTM_WQX-28020111	<u>CALOOSA R SCL SWING BR</u>	Estuary	1/16/2008	6/13/2017	113	26.6952778	-81.8155556
21FLFTM_WQX-28020138	<u>9 MI CANAL 3 MI S MOREHAVEN</u>	River/Stream	10/15/2003	10/15/2003	1	26.7916667	-81.0833333
21FLFTM_WQX-28020139	<u>9 MI CANAL 4.5 MI S MOOREHAVEN</u>	River/Stream	2/22/1999	8/4/2003	28	26.7736111	-81.0833333
21FLFTM_WQX-28020141	<u>DISTON IS DRAINAGE CANAL SR720</u>	River/Stream	7/18/2013	7/18/2013	1	26.8027778	-81.0097222
21FLFTM_WQX-28020147	<u>HICKEY CREEK 1 MI SOUTH OF SR80</u>	River/Stream	3/15/2000	10/30/2013	3	26.6987666	-81.65155
21FLFTM_WQX-28020148	<u>ORANGE RIVER HENDRY PROPERTY</u>	River/Stream	8/25/1999	5/11/2015	5	26.6616667	-81.7155556
21FLFTM_WQX-28020198	<u>HANCOCK CK. AT BARRET RD/N. FT MYERS</u>	River/Stream	3/6/2013	11/11/2013	8	26.675	-81.9125
21FLFTM_WQX-28020199	<u>LONG HAMMOCK CREEK AT STATE ROAD 80</u>	River/Stream	9/13/1999	11/26/2013	20	26.7683333	-81.2722222

Site Number	Station Name	Site Type	Start Date	End Date	Count	Latitude	Longitude
21FLFTM_WQX-28020218	GOODNO CANAL AT STATE ROAD 80	River/Stream	1/26/1999	10/16/2013	35	26.7683333	-81.3044444
21FLFTM_WQX-28020221	TELEGRAPH CREEK AT BABCOCK RANCH	River/Stream	4/17/2002	4/19/2006	4	26.748431	-81.670331
21FLFTM_WQX-28020225	MANUAL BRANCH AT MCGREGOR BLVD(SR867)	River/Stream	3/24/1999	10/8/2013	12	26.6297222	-81.8827778
21FLFTM_WQX-28020226	CALOOSA HATCHEE RIVER REFERENCE	River/Stream	8/7/2013	8/7/2013	1	26.6686111	-81.8613889
21FLFTM_WQX-28020231	DAUGHTREY CR @ BRIGHT RD, N FT MYERS	River/Stream	2/9/2005	11/29/2016	8	26.722268	-81.849915
21FLFTM_WQX-28020232	POPASH CR @ TRIPLETTE RD, N FT MYERS	River/Stream	3/22/2005	12/28/2015	4	26.71862	-81.81172
21FLFTM_WQX-28020233	BILLY'S CR @ MARSH AVE, FT MYERS	River/Stream	7/28/1999	11/14/2011	15	26.6580556	-81.8277778
21FLFTM_WQX-28020235	BEDMAN CR @ TUCKAHOE RD, ALVA	River/Stream	3/6/2002	3/6/2002	1	26.6983333	-81.5855556
21FLFTM_WQX-28020237	CYPRESS CREEK 1 MI. ABOVE SR78	River/Stream	1/3/2006	12/3/2012	4	26.7364083	-81.6179972
21FLFTM_WQX-28020238	JACK'S BRANCH ABOVE KIRBY-THOMPSON RD	River/Stream	2/24/1999	12/16/2013	19	26.755983	-81.53415
21FLFTM_WQX-28020239	CYPRESS BRANCH ABOVE STATE ROAD 78	River/Stream	2/23/1999	12/10/2013	33	26.8136111	-81.3352778
21FLFTM_WQX-28020240	BARRON WCD C-2 CANAL ABOVE SR80	River/Stream	8/3/1999	10/16/2013	25	26.76849	-81.32441
21FLFTM_WQX-28020241	BANANA BRANCH AT CR 78A, HENDRY CO	River/Stream	8/18/1999	7/12/2017	12	26.7202778	-81.5166667
21FLFTM_WQX-28020245FTM	LAKE HICPOCHEE (LH1)	Lake	1/9/2001	10/11/2004	25	26.7902778	-81.2402778
21FLFTM_WQX-28020246FTM	LAKE HICPOCHEE (LH2)	Lake	1/9/2001	11/5/2008	31	26.7838889	-81.1597222
21FLFTM_WQX-28020247FTM	LAKE HICPOCHEE (LH3)	Lake	1/9/2001	11/5/2008	30	26.8038889	-81.1147222
21FLFTM_WQX-28020248FTM	C19 Canal at Lake Hicpochee	River/Stream	1/9/2001	11/5/2008	30	26.7952778	-81.1397222
21FLFTM_WQX-28020249FTM	Manuel's Branch upstream of the weir near the school/park	River/Stream	9/16/1999	12/7/2016	48	26.6269697	-81.8798961
21FLFTM_WQX-28020250FTM	Townsend canal	River/Stream	4/11/2000	3/2/2006	25	26.7115833	-81.5592222

Site Number	Station Name	Site Type	Start Date	End Date	Count	Latitude	Longitude
21FLFTM_WQX-28020251FTM	Fort Simmon's branch"	River/Stream	7/25/2000	12/19/2013	45	26.71364	-81.51805
21FLFTM_WQX-28020252FTM	Robert's canal(aka Banana Branch)	River/Stream	7/25/2000	5/12/2008	24	26.7208889	-81.5176389
21FLFTM_WQX-28020253FTM	Whidden Corner canal	River/Stream	2/22/1999	8/11/2008	23	26.7530278	-81.1132778
21FLFTM_WQX-28020254FTM	US 27 Canal(1.3 mile north of Nine Mile canal)	River/Stream	2/22/1999	10/27/2008	34	26.79375	-81.0831111
21FLFTM_WQX-28020255FTM	BWCD C-2	River/Stream	4/19/1999	10/15/2003	19	26.7877778	-81.3050278
21FLFTM_WQX-28020256FTM	BWCD C-3(aka Long Hammock canal)	River/Stream	7/26/2000	11/21/2013	34	26.7505556	-81.2738889
21FLFTM_WQX-28020257FTM	C-4 canal	River/Stream	7/26/2000	11/5/2008	26	26.7798611	-81.2330556
21FLFTM_WQX-28020258FTM	833 canal	River/Stream	4/21/1999	7/18/2013	15	26.7384167	-81.1291944
21FLFTM_WQX-28020268FTM	Pollywog creek at SR 78 near LaBelle	River/Stream	2/23/1999	7/12/2017	45	26.7688889	-81.4586111
21FLFTM_WQX-28020269FTM	Whidden/833 combined	River/Stream	2/26/2001	11/5/2008	30	26.7815953	-81.1219267
21FLFTM_WQX-28020270FTM	County road 833 canal at SR80	River/Stream	2/22/1999	1/18/2000	9	26.7528611	-81.1295
21FLFTM_WQX-28020271FTM	Radio Tower canal at SR80	River/Stream	2/22/1999	11/5/2008	19	26.7671389	-81.1718333
21FLFTM_WQX-28020273FTM	Caloosahatchee River at marker 2	River/Stream	7/25/2001	11/17/2008	32	26.7885833	-81.3122222
21FLFTM_WQX-28020274FTM	Caloosahatchee River west of SR29 bridge	River/Stream	7/25/2001	11/17/2008	33	26.7689722	-81.44325
21FLFTM_WQX-28020275FTM	Caloosahatchee River off townsend canal	River/Stream	7/25/2001	12/15/2004	28	26.7147222	-81.5625556
21FLFTM_WQX-28020276FTM	Caloosahatchee River .25 mi west of Alva	River/Stream	7/25/2001	3/2/2006	32	26.7153611	-81.6170833
21FLFTM_WQX-28020277FTM	Caloosahatchee River east of Olga WTP	River/Stream	7/25/2001	8/25/2015	34	26.7197222	-81.6792222
21FLFTM_WQX-28020279FTM	FGCU oyster study site 2	Estuary	8/8/2001	8/7/2002	7	26.5134444	-81.9789722
21FLFTM_WQX-28020280FTM	FGCU oyster study site 3	Estuary	8/8/2001	8/7/2002	7	26.5146389	-81.9894167

Site Number	Station Name	Site Type	Start Date	End Date	Count	Latitude	Longitude
21FLFTM_WQX-28020285FTM	LAKE WEATHERLY IN CAPE CORAL	Lake	2/11/2003	8/5/2003	2	26.6210833	-81.9850278
21FLFTM_WQX-28020286FTM	MANUELS BRANCH SITE 1	River/Stream	1/22/2003	11/5/2003	6	26.6166667	-81.8666667
21FLFTM_WQX-28020287FTM	MANUELS BRANCH SITE 2	River/Stream	1/22/2003	10/20/2008	11	26.6262167	-81.87725
21FLFTM_WQX-28020288FTM	MANUELS BRANCH SITE3	River/Stream	1/22/2003	10/8/2013	15	26.62615	-81.8683
21FLFTM_WQX-28020289FTM	MANUELS BRANCH SITE 4	River/Stream	1/22/2003	10/20/2008	11	26.6263167	-81.8600817
21FLFTM_WQX-28020290FTM	DOG CANAL SITE 1	River/Stream	1/22/2003	11/2/2005	11	26.6216667	-81.5975317
21FLFTM_WQX-28020291FTM	DOG CANAL SITE 2	River/Stream	1/22/2003	11/26/2012	18	26.6354667	-81.5657833
21FLFTM_WQX-28020292FTM	DOG CANAL SITE 3	River/Stream	1/22/2003	11/2/2005	12	26.6582833	-81.5864333
21FLFTM_WQX-28020293FTM	DOG CANAL SITE 4	River/Stream	1/22/2003	10/1/2003	4	26.6793	-81.6279667
21FLFTM_WQX-28020294FTM	WHISKEY CREEK SITE 1	River/Stream	1/22/2003	1/22/2003	1	26.5750167	-81.8923667
21FLFTM_WQX-28020295FTM	WHISKEY CREEK SITE 2	River/Stream	1/22/2003	1/22/2003	1	26.5752	-81.8841
21FLFTM_WQX-28020296FTM	WHISKEY CREEK SITE 3	River/Stream	1/22/2003	1/22/2003	1	26.5754	-81.87165
21FLFTM_WQX-28020297FTM	WHISKEY CREEK SITE 4	River/Stream	1/22/2003	1/22/2003	1	26.5845833	-81.8758
21FLFTM_WQX-28020298FTM	BEE BRANCH SITE 1	River/Stream	2/18/2003	12/2/2003	7	26.7600167	-81.50035
21FLFTM_WQX-28020299FTM	BEE BRANCH SITE 2	River/Stream	2/18/2003	1/21/2014	31	26.8275333	-81.4892333
21FLFTM_WQX-28020300FTM	BEE BRANCH SITE 3	River/Stream	2/18/2003	10/7/2008	14	26.9447833	-81.5325833
21FLFTM_WQX-28020301FTM	BEE BRANCH SITE 4	River/Stream	2/18/2003	8/2/2005	8	26.9449333	-81.5731
21FLFTM_WQX-28020302FTM	TOWNSEND A SITE 1	River/Stream	2/18/2003	12/3/2003	6	26.5154333	-81.4352333
21FLFTM_WQX-28020303FTM	TOWNSEND A SITE 2	River/Stream	2/18/2003	11/26/2013	27	26.5578833	-81.4637833

Site Number	Station Name	Site Type	Start Date	End Date	Count	Latitude	Longitude
21FLFTM_WQX- 28020304FTM	TOWNSEND A SITE 3	River/Stream	2/18/2003	12/15/2005	12	26.5574667	-81.4670667
21FLFTM_WQX- 28020305FTM	TOWNSEND A SITE 4	River/Stream	4/21/2003	12/15/2005	12	26.5573333	-81.47115
21FLFTM_WQX- 28020306FTM	S235 AT MOOREHAVEN	River/Stream	8/4/2003	10/27/2008	8	26.8381111	-81.0851944
21FLFTM_WQX- 28020309FTM	CYPRESS CREEK SITE 1 - WBID 3235C	River/Stream	2/28/2005	2/28/2005	1	26.7303055	-81.664
21FLFTM_WQX- 28020310FTM	CYPRESS CREEK SITE 2 - WBID 3235C	River/Stream	2/28/2005	12/6/2005	7	26.726	-81.6328333
21FLFTM_WQX- 28020311FTM	CYPRESS CREEK SITE 3 - WBID 3235C	River/Stream	2/28/2005	12/6/2005	7	26.7210555	-81.6318888
21FLFTM_WQX- 28020315FTM	LONG HAMMOCK CREEK SITE 2 WBID 3237B	River/Stream	2/15/2005	11/21/2005	6	26.7005	-81.2241944
21FLFTM_WQX- 28020316FTM	LONG HAMMOCK CREEK SITE 1 WBID 3237B	River/Stream	2/15/2005	11/21/2005	5	26.6052222	-81.2579444
21FLFTM_WQX- 28020330FTM	EAST YELLOW FEVER CREEK AT DIPLOMAT RD	River/Stream	2/21/2005	4/11/2005	2	26.6892777	-81.9073888
21FLFTM_WQX- 28020331FTM	POLLYWOG CREEK @ NOBLES RD	River/Stream	2/16/2005	2/14/2013	10	26.7760833	-81.4513055
21FLFTM_WQX- 28020332FTM	POWELL CR VALENCIA DR N FT MYERS	River/Stream	3/1/2005	10/30/2013	5	26.6873611	-81.8750277
21FLFTM_WQX- 28020333FTM	CYPRESS BRANCH SR78 EAST OF SR29	River/Stream	2/24/2005	10/7/2008	11	26.8124444	-81.3685833
21FLFTM_WQX- 28020334FTM	CYPRESS BRANCH SR29 EAST OF SR78	River/Stream	2/24/2005	10/7/2008	11	26.8164166	-81.4093055
21FLFTM_WQX- 28020335FTM	CYPRESS BRANCH SR29 BRIDGE #050033	River/Stream	2/24/2005	12/10/2013	22	26.8629722	-81.3690833
21FLFTM_WQX- 28020337FTM	YELLOW FEVER CREEK SR 78	River/Stream	3/15/2005	8/14/2007	2	26.6814166	-81.9100555
21FLFTM_WQX- 28020338FTM	BILLYS CREEK @ WINDSOR DRIVE	River/Stream	4/19/2005	10/18/2005	2	26.6595833	-81.8245833
21FLFTM_WQX- 28020339FTM	EAST YELLO FEVER CREEK @ DIPLOMAT PARKWAY	River/Stream	7/11/2005	10/10/2005	3	26.6892776	-81.9073888
21FLFTM_WQX- 28022004FTM	FRANKLIN LOCKS-A	River/Stream	3/31/2005	3/31/2005	1	26.7220555	-81.6905833
21FLFTM_WQX- 28022005FTM	FT DENAUD BRIDGE-A	River/Stream	3/31/2005	11/17/2008	5	26.7444722	-81.511

Site Number	Station Name	Site Type	Start Date	End Date	Count	Latitude	Longitude
21FLFTM_WQX-29410	Caloosahatchee River 1 mile west of 27 Bridge	River/Stream	1/29/2008	11/5/2008	6	26.8287222	-81.092166
21FLFTM_WQX-29417	Caloosahatchee Rvr 2.5 Miles East of Ortona Lock	River/Stream	6/22/2009	6/22/2009	1	26.79121	-81.2626
21FLFTM_WQX-29418	Caloosahatchee Rvr 7.7 Miles West of Moorehaven Lock	River/Stream	6/22/2009	11/16/2011	6	26.78633	-81.18566
21FLFTM_WQX-29420	Caloosahatchee Rvr 9.3 Miles West of Moorehaven Lock	River/Stream	6/22/2009	6/22/2009	1	26.78951	-81.21073
21FLFTM_WQX-BILLYCRK	Billy Creek @ Seaboard Ave	Estuary	2/6/2008	10/20/2008	5	26.6511	-81.8527
21FLFTM_WQX-CAL01	CALOOSAHATCHEE AT HICKEY CR MOUTH	River/Stream	3/31/2005	10/17/2005	4	26.7178194	-81.6704083
21FLFTM_WQX-CALUSA003FTM	HICKEY CREEK @ INTRACOASTAL	River/Stream	1/30/2006	3/1/2006	6	26.7171944	-81.6708611
21FLFTM_WQX-CALUSA005FTM	Caloosahatchee R. Mid Channel off Point on S Bank - WB 3240C	Estuary	1/16/2008	6/13/2017	112	26.7233611	-81.720972
21FLFTM_WQX-CALUSA006FTM	Caloosahatchee R. Mid Channel off Oxbox on S Bank - WB 3240C	Estuary	1/16/2008	6/13/2017	111	26.7193333	-81.738555
21FLFTM_WQX-CALUSA007FTM	Caloosahatchee R. @ Orange River - WB 3240C	Estuary	1/16/2008	6/13/2017	113	26.6968333	-81.7965
21FLFTM_WQX-CALUSA008FTM	Caloosahatchee R. @ Marker # 22 - WB 3240B	Estuary	1/8/2008	6/13/2017	147	26.6912777	-81.822277
21FLFTM_WQX-CALUSA009FTM	Caloosahatchee R. @ Marker # 28 - WB 3240B	Estuary	1/16/2008	6/13/2017	113	26.6819166	-81.834305
21FLFTM_WQX-CALUSA010FTM	Caloosahatchee R. @ Marker 38 - WB 3240B	Estuary	1/16/2008	6/13/2017	113	26.662	-81.859416
21FLFTM_WQX-CALUSA011FTM	Caloosahatchee R. @ Marker # 52 - WB 3240A	Estuary	1/16/2008	5/3/2017	111	26.6415277	-81.882944
21FLFTM_WQX-CALUSA012FTM	Caloosahatchee R. @ Marker # 76 - WB 3240A	Estuary	1/16/2008	5/3/2017	112	26.5383055	-81.945194
21FLFTM_WQX-CALUSA013FTM	Caloosahatchee R. @ USGS Station-Shell Point - WB 3240A	Estuary	1/16/2008	5/3/2017	112	26.5238888	-82.004444
21FLFTM_WQX-CALUSA018FTM	Caloosahatchee R. @ Caloosa Boat Storage - WB 3237A	River/Stream	1/29/2008	6/22/2009	7	26.7910555	-81.241333
21FLFTM_WQX-CALUSA019FTM	Telegraph Creek @ Telegraph Creek Lane	Estuary	7/24/2007	7/24/2007	1	26.7359722	-81.6901388
21FLFTM_WQX-CALUSA020FTM	Popash Creek @ Henderson Grade	River/Stream	7/24/2007	11/6/2012	2	26.7424722	-81.8042777

Site Number	Station Name	Site Type	Start Date	End Date	Count	Latitude	Longitude
21FLFTM_WQX-CALUSA0023FTM	Orange River Sonde @ USGS Station	Estuary	1/4/2011	11/7/2016	70	26.69181	-81.75961
21FLFTM_WQX-CALUSA0024FTM	Telegraph Creek Sonde @ USGS Sonde Station	Estuary	1/4/2011	7/10/2017	79	26.73004	-81.70174
21FLFTM_WQX-CALUSA0025FTM	Hancock Creek @ Pondella Rd.	Estuary	1/4/2011	7/10/2017	79	26.6671	-81.89645
21FLFTM_WQX-CALUSA0026FTM	Caloosahatchee River, Just Upstream of Ortona Lock	River/Stream	3/7/2011	10/8/2013	8	26.7917	-81.29913
21FLFTM_WQX-CALUSA0027FTM	Caloosahatchee River (3237 A) @ Middle	River/Stream	1/24/2011	11/20/2013	10	26.79011	-81.23207
21FLFTM_WQX-CALUSA0030FTM	East Branch Daughtrey Creek @ SR 78	River/Stream	2/9/2011	11/15/2011	5	26.70847	-81.8395
21FLFTM_WQX-CALUSA0031FTM	Billy Creek @ Great Calusa Blueway	Estuary	1/12/2011	11/14/2011	7	26.65254	-81.8451
21FLFTM_WQX-CALUSA0033FTM	Ft. Simmons Branch Near the Mouth	River/Stream	12/21/2011	12/19/2013	19	26.718	-81.52971
21FLFTM_WQX-CALUSA0034FTM	Caloosahatchee River at Marker 2 West	River/Stream	1/9/2012	10/8/2013	10	26.74517	-81.4856
21FLFTM_WQX-CALUSA0035FTM	Caloosahatchee River by Mouth of Banana Branch	River/Stream	1/9/2012	8/7/2013	8	26.72739	-81.52275
21FLFTM_WQX-CALUSA0036FTM	Caloosahatchee River East of SR29	River/Stream	2/29/2012	11/18/2013	7	26.76929	-81.43354
21FLFTM_WQX-CALUSA0039FTM	Chapel Creek south of SR78	River/Stream	2/13/2012	11/21/2016	10	26.71336	-81.81956
21FLFTM_WQX-CALUSA0040FTM	Owl Creek south of State Road 78	River/Stream	3/1/2012	12/5/2012	2	26.73583	-81.75292
21FLFTM_WQX-CALUSA0041FTM	Powell Cr. 90 m North of SR 78, N. Ft. Myers	River/Stream	4/26/2012	6/19/2013	3	26.683962	-81.877687
21FLFTM_WQX-CALUSA0042FTM	Caloosahatchee River - West off Oxbow	River/Stream	8/22/2012	10/8/2013	4	26.71611	-81.54647
21FLFTM_WQX-CALUSA0046FTM	Hickey Creek @ Bald Cypress Bridge, Hickey Cr. Mitigation Pa	River/Stream	7/8/2013	7/8/2013	1	26.70525	-81.65823
21FLFTM_WQX-CALUSA0047FTM	Jacks Branch at Kirby Thompson Rd.	River/Stream	2/21/2013	10/16/2013	6	26.75599	-81.53322
21FLFTM_WQX-CALUSA0048FTM	Jacks Branch at Jacks Branch Rd.	River/Stream	2/21/2013	10/16/2013	5	26.78328	-81.5539
21FLFTM_WQX-CALUSA0049FTM	Jacks Branch at CR 720	River/Stream	2/21/2013	10/16/2013	5	26.82815	-81.55121

Site Number	Station Name	Site Type	Start Date	End Date	Count	Latitude	Longitude
21FLFTM_WQX-CALUSA0053FTM	Hancock Creek @ Hancock Bridge Parkway	River/Stream	3/6/2013	11/11/2013	8	26.65991	-81.89757
21FLFTM_WQX-CALUSA0054FTM	Orange River at Boat Ramp	River/Stream	3/6/2013	7/10/2017	13	26.69287	-81.76737
21FLFTM_WQX-CALUSA0055FTM	Manuel Branch at Cortez Ave.	River/Stream	3/20/2013	10/8/2013	4	26.62791	-81.88038
21FLFTM_WQX-CALUSA0056FTM	Telegraph Swamp North Site	River/Stream	3/19/2013	11/12/2013	4	26.87579	-81.71741
21FLFTM_WQX-CALUSA0057FTM	Telegraph Swamp South Site	River/Stream	3/19/2013	7/12/2017	12	26.8627	-81.71239
21FLFTM_WQX-CALUSA0060FTM	Palm Creek at Aquavista Lane	River/Stream	7/1/2013	10/30/2013	2	26.72482	-81.77907
21FLFTM_WQX-CALUSA0063FTM	Hancock Creek 150 m east of Barrett Rd., Cape Coral	River/Stream	8/15/2013	8/15/2013	1	26.67511	-81.910809
21FLFTM_WQX-G3SD0003	Palm Creek at SR 78	River/Stream	3/31/2015	11/16/2015	2	26.714784	-81.780016
21FLFTM_WQX-POWLGR20	Powell Creek @ Bayshore - WB 3240L	River/Stream	7/24/2007	10/30/2013	16	26.68275	-81.877416
21FLFTM_WQX-RECON-MH-FTM	Moorehaven	River/Stream	11/29/2007	1/17/2012	22	26.83932	-81.08531
21FLFTM_WQX-RECON-MH2-FTM	Moorhaven2	Spring	10/7/2010	10/13/2011	9	26.834429	-81.08804
21FLFTM_WQX-RECON-RB-FTM	RiverBend	River/Stream	3/4/2008	10/2/2008	6	26.71835	-81.53063
21FLFTM_WQX-S78	Caloosahatchee Rvr Upstream of Ortona Lock	River/Stream	6/22/2009	6/22/2009	1	26.78978	-81.30284
21FLGW_WQX-10141	SFD-HS-1002 UNKNOWN	River/Stream	5/15/2001	5/15/2001	1	26.5662172	-81.5961628
21FLGW_WQX-10142	SFD-HS-1008 UNKNOWN	River/Stream	5/16/2001	5/16/2001	1	26.74374	-81.2024647
21FLGW_WQX-10143	SFD-HS-1009 UNKNOWN	River/Stream	5/16/2001	5/16/2001	1	26.7168053	-81.4969358
21FLGW_WQX-10144	SFD-HS-1011 UNKNOWN	River/Stream	5/16/2001	5/16/2001	1	26.7031625	-81.1795622
21FLGW_WQX-10145	SFD-HS-1014 JACK'S BRANCH	River/Stream	5/15/2001	5/15/2001	1	26.7558381	-81.5374564
21FLGW_WQX-10146	SFD-HS-1019 JACK'S BRANCH	River/Stream	5/15/2001	5/15/2001	1	26.7543047	-81.5269344

Site Number	Station Name	Site Type	Start Date	End Date	Count	Latitude	Longitude
21FLGW_WQX-10147	SFD-HS-1030 UNKNOWN	River/Stream	5/16/2001	5/16/2001	1	26.620265	-81.6864136
21FLGW_WQX-10148	SFD-HS-1036 DAUGHTREY'S CREEK	River/Stream	5/15/2001	5/15/2001	1	26.7385406	-81.8546539
21FLGW_WQX-10149	SFD-HS-1037 DEADMAN'S CREEK	River/Stream	5/16/2001	5/16/2001	1	26.8123289	-81.3686775
21FLGW_WQX-10150	SFD-HS-1046 BEDMAN CREEK	River/Stream	5/21/2001	5/21/2001	1	26.6993756	-81.5820992
21FLGW_WQX-10151	SFD-HS-1052 DOG CANAL	River/Stream	5/15/2001	5/15/2001	1	26.6361003	-81.5658067
21FLGW_WQX-10152	SFD-HS-1057 UNKNOWN	River/Stream	5/16/2001	5/16/2001	1	26.6740361	-81.4775794
21FLGW_WQX-10153	SFD-HS-1071 HICKEY CREEK	River/Stream	5/21/2001	5/21/2001	1	26.6976308	-81.6151511
21FLGW_WQX-10154	SFD-HS-1073 BAYSHORE CREEK	River/Stream	5/22/2001	5/22/2001	1	26.7015058	-81.8125614
21FLGW_WQX-10155	SFD-HS-1080 HICKEY CREEK	River/Stream	5/21/2001	5/21/2001	1	26.6913014	-81.6631861
21FLGW_WQX-10156	SFD-HS-1087 FLAGHOLE ROAD CANAL	River/Stream	5/15/2001	5/15/2001	1	26.719125	-81.0642817
21FLGW_WQX-10157	SFD-HS-1090 UNKNOWN	River/Stream	5/21/2001	5/21/2001	1	26.7793364	-81.2777136
21FLGW_WQX-10305	SFD-LS-1024 UNKNOWN	River/Stream	8/7/2001	8/7/2001	1	26.6832225	-81.9042467
21FLGW_WQX-10306	SFD-LS-1031 UNKNOWN	River/Stream	8/15/2001	8/15/2001	1	26.7945622	-81.2840692
21FLGW_WQX-10307	SFD-LS-1036 YELLOW FEVER CREEK	River/Stream	8/7/2001	8/7/2001	1	26.6787606	-81.9051447
21FLGW_WQX-10312	SFD-LS-1053 UNKNOWN	River/Stream	8/7/2001	8/7/2001	1	26.7073725	-81.9077203
21FLGW_WQX-10313	SFD-LS-1061 UNKNOWN	River/Stream	8/7/2001	8/7/2001	1	26.6920936	-81.907665
21FLGW_WQX-10315	SFD-LS-1078 UNKNOWN	River/Stream	8/7/2001	8/7/2001	1	26.6914261	-81.9076508
21FLGW_WQX-10319	SFD-LS-1089 UNKNOWN	River/Stream	8/15/2001	8/15/2001	1	26.8047903	-81.2670144
21FLGW_WQX-10323	SFD-LS-1097 UNKNOWN	River/Stream	8/8/2001	8/8/2001	1	26.7149411	-81.8627439

Site Number	Station Name	Site Type	Start Date	End Date	Count	Latitude	Longitude
21FLGW_WQX-11102	SFD-SL-1003 UNKNOWN	Lake	7/11/2001	7/11/2001	1	26.7183431	-81.1959814
21FLGW_WQX-11103	SFD-SL-1011 UNKNOWN	Lake	7/17/2001	7/17/2001	1	26.7671664	-81.8327133
21FLGW_WQX-11104	SFD-SL-1013 UNKNOWN	Lake	7/19/2001	7/19/2001	1	26.7977761	-81.7749425
21FLGW_WQX-11105	SFD-SL-1015 UNKNOWN	Lake	7/19/2001	7/19/2001	1	26.7084617	-81.7174361
21FLGW_WQX-11106	SFD-SL-1019 UNKNOWN	Lake	7/17/2001	7/17/2001	1	26.6358114	-81.83814
21FLGW_WQX-11108	SFD-SL-1026 UNKNOWN	Lake	7/17/2001	7/17/2001	1	26.7425136	-81.1989081
21FLGW_WQX-11109	SFD-SL-1030 UNKNOWN	Lake	7/11/2001	7/11/2001	1	26.6572769	-81.3044872
21FLGW_WQX-11110	SFD-SL-1034 UNKNOWN	Lake	7/18/2001	7/18/2001	1	26.7357992	-81.7846972
21FLGW_WQX-11111	SFD-SL-1042 UNKNOWN	Lake	7/12/2001	7/12/2001	1	26.7445803	-81.4105225
21FLGW_WQX-11112	SFD-SL-1044 UNKNOWN	Lake	7/18/2001	7/18/2001	1	26.7096231	-81.8940269
21FLGW_WQX-11113	SFD-SL-1046 UNKNOWN	Lake	7/24/2001	7/24/2001	1	26.4954203	-81.9817639
21FLGW_WQX-11115	SFD-SL-1050 UNKNOWN	Lake	7/17/2001	7/17/2001	1	26.6440769	-81.8022442
21FLGW_WQX-11116	SFD-SL-1057 UNKNOWN	Lake	7/12/2001	7/12/2001	1	26.6875103	-81.0741956
21FLGW_WQX-11117	SFD-SL-1058 UNKNOWN	Lake	7/18/2001	7/18/2001	1	26.8457994	-81.7972297
21FLGW_WQX-11118	SFD-SL-1065 UNKNOWN	Lake	7/17/2001	7/17/2001	1	26.6283864	-81.8376675
21FLGW_WQX-11119	SFD-SL-1066 UNKNOWN	Lake	7/24/2001	7/24/2001	1	26.7356031	-81.8981756
21FLGW_WQX-11120	SFD-SL-1071 UNKNOWN	Lake	7/18/2001	7/18/2001	1	26.525685	-81.9403394
21FLGW_WQX-11121	SFD-SL-1076 UNKNOWN	Lake	7/11/2001	7/11/2001	1	26.7206894	-81.1939869
21FLGW_WQX-11122	SFD-SL-1077 LAKE DENISE	Lake	7/12/2001	7/12/2001	1	26.6187925	-81.5933106

Site Number	Station Name	Site Type	Start Date	End Date	Count	Latitude	Longitude
21FLGW_WQX-11123	SFD-SL-1078 UNKNOWN	Lake	7/12/2001	7/12/2001	1	26.7334139	-81.4834125
21FLGW_WQX-11124	SFD-SL-1080 UNKNOWN	Lake	7/12/2001	7/12/2001	1	26.7508294	-81.4483181
21FLGW_WQX-11125	SFD-SL-1081 UNKNOWN	Lake	7/17/2001	7/17/2001	1	26.9192358	-81.6142453
21FLGW_WQX-11126	SFD-SL-1085 UNKNOWN	Lake	7/18/2001	7/18/2001	1	26.8256272	-81.8316578
21FLGW_WQX-11128	SFD-LL-1001 UNKNOWN	Lake	10/8/2001	10/8/2001	1	26.6823164	-81.0051511
21FLGW_WQX-11129	SFD-LL-1002 UNKNOWN	Lake	10/9/2001	10/9/2001	1	26.7196978	-81.8381347
21FLGW_WQX-11130	SFD-LL-1007 UNKNOWN	Lake	10/25/2001	10/25/2001	1	26.7929769	-81.7789694
21FLGW_WQX-11131	SFD-LL-1010 UNKNOWN	Lake	10/10/2001	10/10/2001	1	26.7602153	-81.3988256
21FLGW_WQX-11132	SFD-LL-1012 UNKNOWN	Lake	10/9/2001	10/9/2001	1	26.7209489	-81.8359361
21FLGW_WQX-11133	SFD-LL-1013 UNKNOWN	Lake	10/15/2001	10/15/2001	1	26.8075928	-81.2893056
21FLGW_WQX-11134	SFD-LL-1016 UNKNOWN	Lake	10/25/2001	10/25/2001	1	26.7932392	-81.7737897
21FLGW_WQX-11135	SFD-LL-1017 UNKNOWN	Lake	10/17/2001	10/17/2001	1	26.7366431	-81.1956694
21FLGW_WQX-11136	SFD-LL-1019 UNKNOWN	Lake	10/25/2001	10/25/2001	1	26.7960436	-81.7646169
21FLGW_WQX-11137	SFD-LL-1021 UNKNOWN	Lake	10/15/2001	10/15/2001	1	26.8068419	-81.29288
21FLGW_WQX-11138	SFD-LL-1022 UNKNOWN	Lake	10/8/2001	10/8/2001	1	26.6861786	-81.0010417
21FLGW_WQX-11139	SFD-LL-1025 UNKNOWN	Lake	10/15/2001	10/15/2001	1	26.8030672	-81.2916736
21FLGW_WQX-11140	SFD-LL-1026 UNKNOWN	Lake	10/15/2001	10/15/2001	1	26.8106914	-81.2886247
21FLGW_WQX-11141	SFD-LL-1029 UNKNOWN	Lake	10/24/2001	10/24/2001	1	26.6645125	-81.3137525
21FLGW_WQX-11142	SFD-LL-1030 UNKNOWN	Lake	10/15/2001	10/15/2001	1	26.8094325	-81.2925122

Site Number	Station Name	Site Type	Start Date	End Date	Count	Latitude	Longitude
21FLGW_WQX-11143	SFD-LL-1032 UNKNOWN	Lake	10/8/2001	10/8/2001	1	26.7670614	-81.1797089
21FLGW_WQX-11144	SFD-LL-1035 UNKNOWN	Lake	10/8/2001	10/8/2001	1	26.6868925	-81.0050125
21FLGW_WQX-11145	SFD-LL-1036 UNKNOWN	Lake	10/25/2001	10/25/2001	1	26.7934981	-81.7768397
21FLGW_WQX-11146	SFD-LL-1038 UNKNOWN	Lake	10/25/2001	10/25/2001	1	26.7933922	-81.7686897
21FLGW_WQX-11147	SFD-LL-1041 UNKNOWN	Lake	10/17/2001	10/17/2001	1	26.7143572	-81.1862814
21FLGW_WQX-11148	SFD-LL-1042 UNKNOWN	Lake	10/25/2001	10/25/2001	1	26.7924239	-81.7867672
21FLGW_WQX-11149	SFD-LL-1043 UNKNOWN	Lake	10/10/2001	10/10/2001	1	26.7607175	-81.3967283
21FLGW_WQX-11150	SFD-LL-1044 LAKE KENNEDY	Lake	10/25/2001	10/25/2001	1	26.6370014	-81.977505
21FLGW_WQX-11152	SFD-LL-1048 UNKNOWN	Lake	10/25/2001	10/25/2001	1	26.7927397	-81.7646781
21FLGW_WQX-18828	SFB-SL-1014 UNNAMED SMALL LAKE	Lake	7/23/2003	7/23/2003	1	26.7567117	-81.0182164
21FLGW_WQX-29396	SF3-LR-2026 CALOOSAHATCHEE RIVER	River/Stream	5/10/2006	5/10/2006	1	26.721758	-81.688805
21FLGW_WQX-29397	SF3-LR-2007 CALOOSAHATCHEE RIVER	River/Stream	5/10/2006	5/10/2006	1	26.7192352	-81.67786
21FLGW_WQX-29398	SF3-LR-2016 CALOOSAHATCHEE RIVER	River/Stream	5/10/2006	5/10/2006	1	26.719475	-81.649087
21FLGW_WQX-29399	SF3-LR-2005 CALOOSAHATCHEE RIVER	River/Stream	5/11/2006	5/11/2006	1	26.7164677	-81.622116
21FLGW_WQX-29400	SF3-LR-2021 CALOOSAHATCHEE RIVER	River/Stream	5/11/2006	5/11/2006	1	26.7169472	-81.585448
21FLGW_WQX-29401	SF3-LR-2002 CALOOSAHATCHEE RIVER	River/Stream	5/11/2006	5/11/2006	1	26.7182202	-81.583034
21FLGW_WQX-29402	SF3-LR-2009 CALOOSAHATCHEE RIVER	River/Stream	5/15/2006	5/15/2006	1	26.7691233	-81.430938
21FLGW_WQX-29403	SF3-LR-2014 CALOOSAHATCHEE RIVER	River/Stream	5/15/2006	5/15/2006	1	26.7680708	-81.426208
21FLGW_WQX-29404	SF3-LR-2027 CALOOSAHATCHEE RIVER	River/Stream	5/17/2006	5/17/2006	1	26.7231747	-81.52661

Site Number	Station Name	Site Type	Start Date	End Date	Count	Latitude	Longitude
21FLGW_WQX-29405	SF3-LR-2008 CALOOSAHATCHEE RIVER	River/Stream	5/17/2006	5/17/2006	1	26.7409222	-81.517742
21FLGW_WQX-29406	SF3-LR-2013 CALOOSAHATCHEE RIVER	River/Stream	5/17/2006	5/17/2006	1	26.7449697	-81.48804
21FLGW_WQX-29407	SF3-LR-2022 CALOOSAHATCHEE RIVER	River/Stream	5/18/2006	5/18/2006	1	26.7491519	-81.469178
21FLGW_WQX-29408	SF3-LR-2004 CALOOSAHATCHEE RIVER	River/Stream	5/18/2006	5/18/2006	1	26.7660827	-81.452161
21FLGW_WQX-29409	SF3-LR-2023 CALOOSAHATCHEE RIVER	River/Stream	5/18/2006	5/18/2006	1	26.7771158	-81.386849
21FLGW_WQX-29410	SF3-LR-2006 CALOOSAHATCHEE RIVER	River/Stream	5/25/2006	5/25/2006	1	26.8287347	-81.092176
21FLGW_WQX-29411	SF3-LR-2011 C-19	River/Stream	5/30/2006	5/30/2006	1	26.8392752	-81.139075
21FLGW_WQX-29412	SF3-LR-2020 C-19	River/Stream	5/30/2006	5/30/2006	1	26.816068	-81.139375
21FLGW_WQX-29413	SF3-LR-2001 C-19	River/Stream	5/30/2006	5/30/2006	1	26.8298775	-81.139285
21FLGW_WQX-29414	SF3-LR-2018 CALOOSAHATCHEE RIVER	River/Stream	5/31/2006	5/31/2006	1	26.7885311	-81.369119
21FLGW_WQX-29415	SF3-LR-2029 CALOOSAHATCHEE RIVER	River/Stream	5/31/2006	5/31/2006	1	26.7965219	-81.356399
21FLGW_WQX-29416	SF3-LR-2017 CALOOSAHATCHEE RIVER	River/Stream	6/1/2006	6/1/2006	1	26.7932236	-81.2847
21FLGW_WQX-29417	SF3-LR-2003 CALOOSAHATCHEE RIVER	River/Stream	6/1/2006	6/1/2006	1	26.79121	-81.262607
21FLGW_WQX-29418	SF3-LR-2015 CALOOSAHATCHEE RIVER	River/Stream	6/14/2006	6/14/2006	1	26.7863336	-81.18566
21FLGW_WQX-29419	SF3-LR-2019 CALOOSAHATCHEE RIVER	River/Stream	6/15/2006	6/15/2006	1	26.788773	-81.204703
21FLGW_WQX-29420	SF3-LR-2030 CALOOSAHATCHEE RIVER	River/Stream	6/15/2006	6/15/2006	1	26.7895172	-81.210735
21FLGW_WQX-29421	SF3-LR-2024 CALOOSAHATCHEE RIVER	River/Stream	6/22/2006	6/22/2006	1	26.7907311	-81.241491
21FLGW_WQX-29422	SF3-LR-2010 CALOOSAHATCHEE RIVER	River/Stream	6/22/2006	6/22/2006	1	26.7902308	-81.224367
21FLGW_WQX-29423	SF3-LR-2012 CALOOSAHATCHEE RIVER	River/Stream	5/11/2006	5/11/2006	1	26.7156225	-81.556768

Site Number	Station Name	Site Type	Start Date	End Date	Count	Latitude	Longitude
21FLGW_WQX-29424	SF3-LR-2025 CALOOSAHATCHEE RIVER	River/Stream	5/25/2006	5/25/2006	1	26.8314197	-81.089791
21FLGW_WQX-29425	SF3-LR-2028 CALOOSAHATCHEE RIVER	River/Stream	6/14/2006	6/14/2006	1	26.7926022	-81.325756
21FLGW_WQX-30419	SF3-SS-2020 UNNAMED SMALL STREAM	River/Stream	8/7/2006	8/7/2006	1	26.7577255	-81.566148
21FLGW_WQX-30420	SF3-SS-2029 UNNAMED SMALL STREAM	River/Stream	8/8/2006	8/8/2006	1	26.7293733	-81.83266
21FLGW_WQX-30421	SF3-SS-2012 UNNAMED SMALL STREAM	River/Stream	8/8/2006	8/8/2006	1	26.6715852	-81.808344
21FLGW_WQX-30422	SF3-SS-2030 UNNAMED SMALL STREAM	River/Stream	8/8/2006	8/8/2006	1	26.6912747	-81.907701
21FLGW_WQX-30423	SF3-SS-2040 UNNAMED SMALL STREAM	River/Stream	8/14/2006	8/14/2006	1	26.8118622	-81.159698
21FLGW_WQX-30424	SF3-SS-2049 UNNAMED SMALL STREAM	River/Stream	8/14/2006	8/14/2006	1	26.8264447	-81.098883
21FLGW_WQX-30425	SF3-SS-2019 UNNAMED SMALL STREAM	River/Stream	8/14/2006	8/14/2006	1	26.8118497	-81.101848
21FLGW_WQX-30426	SF3-SS-2036 UNNAMED SMALL STREAM	River/Stream	8/15/2006	8/15/2006	1	26.7102061	-81.02324
21FLGW_WQX-30427	SF3-SS-2011 UNNAMED SMALL STREAM	River/Stream	8/15/2006	8/15/2006	1	26.7794119	-81.192631
21FLGW_WQX-30428	SF3-SS-2027 UNNAMED SMALL STREAM	River/Stream	8/15/2006	8/15/2006	1	26.7083177	-81.496976
21FLGW_WQX-30429	SF3-SS-2033 UNNAMED SMALL STREAM	River/Stream	8/16/2006	8/16/2006	1	26.7279108	-81.334548
21FLGW_WQX-30430	SF3-SS-2052 UNNAMED SMALL STREAM	River/Stream	8/16/2006	8/16/2006	1	26.7101802	-81.444119
21FLGW_WQX-30431	SF3-SS-2005 UNNAMED SMALL STREAM	River/Stream	8/16/2006	8/16/2006	1	26.628428	-81.626321
21FLGW_WQX-30432	SF3-SS-2056 UNNAMED SMALL STREAM	River/Stream	8/17/2006	8/17/2006	1	26.6472127	-81.81587
21FLGW_WQX-30433	SF3-SS-2054 UNNAMED SMALL STREAM	River/Stream	8/17/2006	8/17/2006	1	26.6986941	-81.650895
21FLGW_WQX-30434	SF3-SS-2048 UNNAMED SMALL STREAM	River/Stream	8/23/2006	8/23/2006	1	26.5854402	-81.585423
21FLGW_WQX-30435	SF3-SS-2058 UNNAMED SMALL STREAM	River/Stream	8/23/2006	8/23/2006	1	26.668268	-81.367008

Site Number	Station Name	Site Type	Start Date	End Date	Count	Latitude	Longitude
21FLGW_WQX-30436	SF3-SS-2043 UNNAMED SMALL STREAM	River/Stream	8/28/2006	8/28/2006	1	26.6476975	-81.964866
21FLGW_WQX-30439	SF3-SS-2041 UNNAMED SMALL STREAM	River/Stream	8/29/2006	8/29/2006	1	26.8386261	-81.630907
21FLGW_WQX-30440	SF3-SS-2035 UNNAMED SMALL STREAM	River/Stream	8/31/2006	8/31/2006	1	26.7574486	-81.446354
21FLGW_WQX-30441	SF3-SS-2061 UNNAMED SMALL STREAM	River/Stream	8/31/2006	8/31/2006	1	26.659345	-81.517429
21FLGW_WQX-30442	SF3-SS-2045 UNNAMED SMALL STREAM	River/Stream	9/25/2006	9/25/2006	1	26.7011211	-81.591759
21FLGW_WQX-30443	SF3-SS-2064 UNNAMED SMALL STREAM	River/Stream	9/25/2006	9/25/2006	1	26.6440083	-81.577936
21FLGW_WQX-30444	SF3-SS-2074 UNNAMED SMALL STREAM	River/Stream	9/26/2006	9/26/2006	1	26.6433897	-81.848336
21FLGW_WQX-30445	SF3-SS-2084 UNNAMED SMALL STREAM	River/Stream	9/26/2006	9/26/2006	1	26.621555	-81.968513
21FLGW_WQX-30446	SF3-SS-2073 UNNAMED SMALL STREAM	River/Stream	9/27/2006	9/27/2006	1	26.7451441	-81.174201
21FLGW_WQX-30447	SF3-SS-2038 UNNAMED SMALL STREAM	River/Stream	9/28/2006	9/28/2006	1	26.7443683	-81.224306
21FLGW_WQX-30448	SF3-SS-2070 UNNAMED SMALL STREAM	River/Stream	9/27/2006	9/27/2006	1	26.5593916	-81.463702
21FLGW_WQX-30449	SF3-SL-2149 UNNAMED SMALL LAKE	Lake	7/12/2006	7/12/2006	1	26.769758	-81.376772
21FLGW_WQX-30450	SF3-SL-2103 UNNAMED SMALL LAKE	Lake	7/12/2006	7/12/2006	1	26.7661272	-81.392745
21FLGW_WQX-30452	SF3-SL-2046 UNNAMED SMALL LAKE	Lake	7/12/2006	7/17/2006	2	26.7644527	-81.398147
21FLGW_WQX-30459	SF3-SS-2038B UNNAMED SMALL STREAM	River/Stream	8/7/2006	8/7/2006	1	26.7444358	-81.224397
21FLGW_WQX-35025	SF5-LR-2026 L-25	River/Stream	7/14/2008	7/14/2008	1	26.6933105	-80.807183
21FLGW_WQX-35335	SF5-SS-2068 UNNAMED SMALL STREAM	River/Stream	9/29/2008	9/29/2008	1	26.779873	-80.981638
21FLGW_WQX-3568	CALOOSAHATCHEE RIVER	River/Stream	4/29/1999	9/5/2018	233	26.7212056 7	81.69324806
21FLGW_WQX-37412	Z5-SS-3009 UNNAMED SMALL STREAM	River/Stream	5/4/2009	5/4/2009	1	26.6465155	-81.482951

Site Number	Station Name	Site Type	Start Date	End Date	Count	Latitude	Longitude
21FLGW_WQX-37413	Z5-SS-3012 UNNAMED SMALL STREAM	River/Stream	5/13/2009	5/13/2009	1	26.812845	-81.18045
21FLGW_WQX-37416	Z5-SS-3028 UNNAMED SMALL STREAM	River/Stream	5/19/2009	5/19/2009	1	26.8116925	-81.050158
21FLGW_WQX-37417	Z5-SS-3041 UNNAMED SMALL STREAM	River/Stream	5/21/2009	5/21/2009	1	26.6902683	-81.444054
21FLGW_WQX-38082	Z5-SS-3009R UNNAMED SMALL STREAM	River/Stream	11/2/2009	11/2/2009	1	26.6465236	-81.482962
21FLGW_WQX-38084	Z5-SS-3012R UNNAMED SMALL STREAM	River/Stream	11/4/2009	11/4/2009	1	26.8127122	-81.180489
21FLGW_WQX-38086	Z5-SS-3028R UNNAMED SMALL STREAM	River/Stream	11/4/2009	11/4/2009	1	26.8117597	-81.050165
21FLGW_WQX-38087	Z5-SS-3041R UNNAMED SMALL STREAM	River/Stream	11/2/2009	11/2/2009	1	26.690283	-81.444095
21FLGW_WQX-38570	Z5-SS-4008 TELEGRAPH CREEK	River/Stream	5/4/2010	5/4/2010	1	26.7339466	-81.692768
21FLGW_WQX-38574	Z5-SS-4056 BEDMAN CREEK	River/Stream	5/26/2010	5/26/2010	1	26.7005655	-81.590199
21FLGW_WQX-39520	Z5-SS-4008R TELEGRAPH CREEK	River/Stream	11/2/2010	11/2/2010	1	26.7317611	-81.698262
21FLGW_WQX-39523	Z5-SS-4056R BEDMAN CREEK	River/Stream	11/17/2010	11/17/2010	1	26.700578	-81.590176
21FLGW_WQX-40151	Z5-SS-5024 ORANGE RIVER	River/Stream	5/12/2011	5/12/2011	1	26.6888941	-81.749
21FLGW_WQX-40154	Z5-SS-5048 FORT SIMMONS BRANCH	River/Stream	5/18/2011	5/18/2011	1	26.7089038	-81.511847
21FLGW_WQX-40159	Z5-SS-5092 FORT SIMMONS BRANCH	River/Stream	5/26/2011	5/26/2011	1	26.7139425	-81.518799
21FLGW_WQX-41040	Z5-SS-5024R ORANGE RIVER	River/Stream	11/29/2011	11/29/2011	1	26.6889019	-81.748996
21FLGW_WQX-41043	Z5-SS-5048R FORT SIMMONS BRANCH	River/Stream	11/28/2011	11/28/2011	1	26.70889	-81.511829
21FLGW_WQX-41048	Z5-SS-5092R FORT SIMMONS BRANCH	River/Stream	11/28/2011	11/28/2011	1	26.7139319	-81.51878
21FLGW_WQX-42161	Z5-LR-6005 CALOOSAHATCHEE RIVER	River/Stream	5/7/2012	5/7/2012	1	26.7200552	-81.648016
21FLGW_WQX-42164	Z5-LR-6009 CALOOSAHATCHEE RIVER	River/Stream	5/7/2012	5/7/2012	1	26.7212772	-81.683673

Site Number	Station Name	Site Type	Start Date	End Date	Count	Latitude	Longitude
21FLGW_WQX-42165	Z5-LR-6010 CALOOSAHATCHEE RIVER	River/Stream	5/16/2012	5/16/2012	1	26.7673144	-81.424336
21FLGW_WQX-42173	Z5-LR-6021 CALOOSAHATCHEE RIVER	River/Stream	6/21/2012	6/21/2012	1	26.7131791	-81.600065
21FLGW_WQX-42379	Z5-SS-6004 TROUT CREEK	River/Stream	8/16/2012	8/16/2012	1	26.7958875	-81.727374
21FLGW_WQX-42390	Z5-SS-6059 POLLYWOG CREEK	River/Stream	7/26/2012	7/26/2012	1	26.7664497	-81.45935
21FLGW_WQX-42393	Z5-SS-6074 DAUGHTREY CREEK	River/Stream	9/19/2012	9/19/2012	1	26.7421961	-81.854169
21FLGW_WQX-43738	Z5-LR-7007 CALOOSAHATCHEE RIVER	River/Stream	5/1/2013	5/1/2013	1	26.71881	-81.661839
21FLGW_WQX-43740	Z5-LR-7011 CALOOSAHATCHEE RIVER	River/Stream	5/1/2013	5/1/2013	1	26.7156319	-81.557404
21FLGW_WQX-43745	Z5-LR-7016 CALOOSAHATCHEE RIVER	River/Stream	5/30/2013	5/30/2013	1	26.7925163	-81.328024
21FLGW_WQX-44273	Z5-SS-7004 UNNAMED SMALL STREAM	River/Stream	8/13/2013	8/13/2013	1	26.755825	-81.717171
21FLGW_WQX-44284	Z5-SS-7052 HICKEY CREEK	River/Stream	8/1/2013	8/1/2013	1	26.7074155	-81.660239
21FLGW_WQX-45283	Z5-LR-8008 CALOOSAHATCHEE RIVER	River/Stream	5/21/2014	5/21/2014	1	26.7760194	-81.38832
21FLGW_WQX-45285	Z5-LR-8012 CALOOSAHATCHEE RIVER	River/Stream	5/21/2014	5/21/2014	1	26.744853	-81.481116
21FLGW_WQX-45287	Z5-LR-8016 CALOOSAHATCHEE RIVER	River/Stream	5/21/2014	5/21/2014	1	26.7158975	-81.551605
21FLGW_WQX-45291	Z5-LR-8020 CALOOSAHATCHEE CANAL	River/Stream	6/16/2014	6/16/2014	1	26.7902783	-81.300278
21FLGW_WQX-45786	Z5-SS-8012 UNNAMED SMALL STREAM	River/Stream	7/9/2014	7/9/2014	1	26.5615455	-81.894628
21FLGW_WQX-45791	Z5-SS-8024 TELEGRAPH CREEK	River/Stream	7/10/2014	7/10/2014	1	26.7319902	-81.696707
21FLGW_WQX-45794	Z5-SS-8036 POPASH CREEK	River/Stream	7/24/2014	7/24/2014	1	26.7684661	-81.806276
21FLGW_WQX-45795	Z5-SS-8040 UNNAMED SMALL STREAM	River/Stream	9/11/2014	9/11/2014	1	26.6573966	-81.728775
21FLGW_WQX-47559	Z5-LR-9001	River/Stream	5/19/2015	5/19/2015	1	26.7467075	-81.474204

Site Number	Station Name	Site Type	Start Date	End Date	Count	Latitude	Longitude
21FLGW_WQX-47560	Z5-LR-9002	River/Stream	5/19/2015	5/19/2015	1	26.7683711	-81.427765
21FLGW_WQX-47563	Z5-LR-9005	River/Stream	5/19/2015	5/19/2015	1	26.7198563	-81.638941
21FLGW_WQX-47564	Z5-LR-9006	River/Stream	5/19/2015	5/19/2015	1	26.7898022	-81.316905
21FLGW_WQX-47567	Z5-LR-9009	River/Stream	5/19/2015	5/19/2015	1	26.7184508	-81.532389
21FLGW_WQX-47572	Z5-LR-9018	River/Stream	5/19/2015	5/19/2015	1	26.7960647	-81.343674
21FLGW_WQX-49561	Z5-LR-10005 CALOOSAHATCHEE RIVER	River/Stream	5/23/2016	5/23/2016	1	26.7885055	-81.30987
21FLGW_WQX-49562	Z5-LR-10006 CALOOSAHATCHEE RIVER	River/Stream	5/23/2016	5/23/2016	1	26.7191713	-81.581471
21FLGW_WQX-49568	Z5-LR-10013 CALOOSAHATCHEE RIVER	River/Stream	5/23/2016	5/23/2016	1	26.7810733	-81.380806
21FLGW_WQX-49572	Z5-LR-10021 CALOOSAHATCHEE CANAL	River/Stream	6/16/2016	6/16/2016	1	26.7916825	-81.234906
21FLGW_WQX-49861	Z5-SS-10024 UNNAMED SMALL STREAM	River/Stream	7/21/2016	7/21/2016	1	26.7429222	-81.493072
21FLGW_WQX-49868	Z5-SS-10052 UNNAMED SMALL STREAM	River/Stream	7/19/2016	7/19/2016	1	26.6826141	-81.755195
21FLGW_WQX-49872	Z5-SS-10068 HICKEY CREEK	River/Stream	8/18/2016	8/18/2016	1	26.7087069	-81.662746
21FLGW_WQX-51583	Z5-LR-11011 CALOOSAHATCHEE RIVER	River/Stream	5/30/2017	5/30/2017	1	26.7147472	-81.563333
21FLGW_WQX-51584	Z5-LR-11012 CALOOSAHATCHEE CANAL	River/Stream	5/30/2017	5/30/2017	1	26.7930283	-81.291037
21FLGW_WQX-51588	Z5-LR-11016 CALOOSAHATCHEE RIVER	River/Stream	5/30/2017	5/30/2017	1	26.7941233	-81.359841
21FLGW_WQX-51592	Z5-LR-11027 CALOOSAHATCHEE RIVER	River/Stream	6/13/2017	6/13/2017	1	26.7445244	-81.509346
21FLGW_WQX-51593	Z5-LR-11028 CALOOSAHATCHEE RIVER	River/Stream	6/12/2017	6/12/2017	1	26.7885858	-81.311132
21FLGW_WQX-51902	Z5-SS-11008 POPASH CREEK	River/Stream	7/6/2017	7/6/2017	1	26.7669972 2	81.80694444
21FLGW_WQX-51904	Z5-SS-11012 UNNAMED SMALL STREAM	River/Stream	8/15/2017	8/15/2017	1	26.7591958 3	81.55916194

Site Number	Station Name	Site Type	Start Date	End Date	Count	Latitude	Longitude
21FLGW_WQX-53174	Z5-LR-12002 UNKNOWN	River/Stream	4/9/2018	4/9/2018	1	26.7689725	81.43132222
21FLGW_WQX-53176	Z5-LR-12005 UNKNOWN	River/Stream	4/9/2018	4/9/2018	1	26.71424	81.59571917
21FLGW_WQX-53183	Z5-LR-12018 CALOOSAHATCHEE RIVER	River/Stream	4/24/2018	4/24/2018	1	26.79253	81.32588389
21FLGW_WQX-53185	Z5-LR-12021 CALOOSAHATCHEE RIVER	River/Stream	4/24/2018	4/24/2018	1	26.72221917	81.52790722
21FLGW_WQX-53939	Z5-SS-12002 SPANISH CREEK	River/Stream	8/6/2018	8/6/2018	1	26.71738861	81.59297028
21FLGW_WQX-53943	Z5-SS-12018 HICKEY CREEK	River/Stream	8/6/2018	8/6/2018	1	26.70734889	81.66026806
21FLGW_WQX-53944	Z5-SS-12025 POPASH CREEK	River/Stream	8/20/2018	8/20/2018	1	26.72923417	81.8085525
21FLGW_WQX-53948	Z5-SS-12045 SPANISH CREEK	River/Stream	8/29/2018	8/29/2018	1	26.72586306	81.59923806
21FLLCHD-11	0	Lake	5/8/1995	5/8/1995	1	26.6896944	-81.141
21FLLCHD-13	0	Lake	5/8/1995	11/10/1997	7	26.5863	-81.9842
21FLLCHD-14	0	Lake	5/8/1995	5/14/2001	63	26.5474	-81.9098
21FLLCHD-16	0	Lake	7/10/1995	8/14/2000	32	26.6942	-81.6574
21FLLCHD-17	0	Lake	8/14/1995	12/10/2001	69	26.6897	-81.8663
21FLLCHD-18	0	Lake	11/11/1996	2/1/1999	2	26.6709	-81.7439
21FLLCHD-20	0	Lake	11/11/1996	3/1/1998	8	26.7415	-81.8334
21FLLCHD-21	0	Lake	11/11/1996	10/8/2001	34	26.6666	-81.7973
21FLLCHD-22	0	Lake	1/13/1997	1/1/1999	8	26.7259	-81.9003
21FLLCHD-28	0	Lake	8/1/1999	6/12/2000	9	26.5226944	-81.9122
21FLLCHD-29	0	Lake	9/1/1999	12/10/2001	28	26.5527	-81.9213
21FLLCHD-3	0	Lake	1/9/1995	12/11/2000	68	26.5107	-81.9571
21FLLCHD-30	0	Lake	12/1/1999	6/11/2001	18	26.7557	-81.8326
21FLLCHD-32.3	0	Lake	8/13/2001	12/10/2001	5	26.5207	-81.9415
21FLLCHD-32.4	0	Lake	8/13/2001	12/10/2001	5	26.5201	-81.9426
21FLLCHD-33	0	Lake	3/13/2000	12/10/2001	17	26.7166	-81.7389
21FLLCHD-34	0	Lake	2/12/2001	8/13/2001	5	26.7308	-81.9043
21FLLCHD-38	0	Lake	11/12/2001	12/10/2001	2	26.6811	-81.7887
21FLLCHD-39	0	Lake	11/12/2001	12/10/2001	2	26.7265	-81.7046
21FLLCHD-4	0	Lake	1/9/1995	4/9/2001	76	26.5199	-81.9497
21FLLCHD-8	0	Lake	1/9/1995	12/10/2001	80	26.5408	-81.9189

Site Number	Station Name	Site Type	Start Date	End Date	Count	Latitude	Longitude
21FLLCHD-9	0	Lake	1/9/1995	4/1/1998	32	26.6868	-81.7394
21FLLCHD-CAL01	Caloossahatchee River	River/Stream	5/4/1989	12/12/1995	109	26.71782	-81.67041
21FLLCHD-CAL02	Caloossahatchee River	River/Stream	5/4/1989	12/12/1995	111	26.71146	-81.6766483
21FLLCHD-CAL03	Caloossahatchee River	River/Stream	1/22/1992	12/12/1995	48	26.71395	-81.26543
21FLLCHD-CAL04	Caloossahatchee River	River/Stream	1/22/1992	12/12/1995	48	26.76982	-81.44123
21FLLCHD-CAL05	Caloossahatchee River	River/Stream	1/22/1992	12/12/1995	48	26.71086	-81.55806
21FLSFWM-BEDMANCR	BEDMAN CREEK AND SR-80 NEAR THE TOWN OF ALVA	River/Stream	10/14/1993	9/27/1994	2	26.7092769	-81.5992606
21FLSFWM-BILLYCRK	BILLY CR. NEAR THE FT. MYERS SOUTHERN RAILWAY BR. NEAR S.R.	River/Stream	1/18/1979	9/27/1994	26	26.6511039	-81.8526989
21FLSFWM-CAL00	FRESHWATER PORTION AT S-79	River/Stream	3/14/1995	4/13/1999	8	26.7239569	-81.6984111
21FLSFWM-CES01	CALOOSAHATCHEE WATER QUALITY MONITORING STATION	Estuary	12/13/2001	1/27/2009	144	26.7221944	-81.6898
21FLSFWM-CES02	CALOOSAHATCHEE WATER QUALITY MONITORING STATION	Estuary	11/27/2001	12/1/2004	51	26.7265	-81.7079
21FLSFWM-CES03	CALOOSAHATCHEE WATER QUALITY MONITORING STATION	Estuary	11/27/2001	3/7/2006	96	26.7166944	-81.7606
21FLSFWM-CES04	CALOOSAHATCHEE WATER QUALITY MONITORING STATION	Estuary	11/27/2001	3/7/2006	96	26.6817	-81.8338
21FLSFWM-CES05	CALOOSAHATCHEE WATER QUALITY MONITORING STATION	Estuary	11/27/2001	12/1/2004	51	26.6366	-81.8887
21FLSFWM-CES06	CALOOSAHATCHEE WATER QUALITY MONITORING STATION	Estuary	11/27/2001	3/7/2006	96	26.5823	-81.9102
21FLSFWM-CES07	CALOOSAHATCHEE WATER QUALITY MONITORING STATION	Estuary	11/27/2001	12/1/2004	51	26.5302222	-81.9656
21FLSFWM-CES08	CALOOSAHATCHEE WATER QUALITY MONITORING STATION	Estuary	11/27/2001	12/1/2004	51	26.5233	-81.9920056
21FLSFWM-CR33.5T	Townsend Canal on the north side of the State Road 80 bridge	Land	2/22/1988	12/8/2008	92	26.7095125	-81.5581303
21FLSFWM-CYPRESCR	CYPRESS CREEK CULVERT AND SR-80 NEAR THE TOWN OF ALVA	River/Stream	10/13/1993	9/26/1994	2	26.7263647	-81.6265494
21FLSFWM-HANCOKCR	HANCOCK CREEK BRIDGE AND SR-78A	River/Stream	10/14/1993	9/27/1994	2	26.6677589	-81.8959192
21FLSFWM-HB01	SW. SIDE BEAUTIFUL ISLAND, CALOOSAHATCHEE ESTUARY	Estuary	6/10/1996	1/28/1997	5	26.6970144	-81.8241639

Site Number	Station Name	Site Type	Start Date	End Date	Count	Latitude	Longitude
21FLSFWM-HB02	<u>WESTERN SHORE ^1 MILE UPSTRM. SR41 BRIDGE, CALOOSHAT. ESTUAR</u>	Estuary	6/10/1996	1/28/1997	5	26.6672103	-81.8723875
21FLSFWM-HB03	<u>WESTERN SHORE ^3 MI. DWNSTRM. SR41 BRIDGE, CALLOOSHAT. ESTUA</u>	Estuary	6/10/1996	1/28/1997	5	26.6361842	-81.9079719
21FLSFWM-HB04	<u>UPSTREAM NEGRO HEAD POINT, CALOOSAHATCHEE ESTUARY</u>	Estuary	6/10/1996	1/28/1997	5	26.5663539	-81.9146394
21FLSFWM-HB05	<u>IONA COVE SHORE, CALOOSHATCHEE ESTUARY</u>	Estuary	5/8/1996	1/28/1997	6	26.5161894	-81.9838083
21FLSFWM- HICKEYCR	<u>HICKEY CREEK BRIDGE AND SR- 80 NEAR THE TOWN OF TICE</u>	River/Stream	10/14/1993	9/27/1994	2	26.7157361	-81.6723453
21FLSFWM-LZ31	<u>W LAKE OKEECHOBEE WATER QUALITY STATION</u>	Lake	5/22/1978	9/10/1979	17	26.7600639	-80.9178392
21FLSFWM- NINEMICA	<u>NINE MILE CANAL CULVERT AND US-27</u>	River/Stream	10/13/1993	9/26/1994	2	26.7741119	-81.0824764
21FLSFWM- ORANRIVN	<u>ORANGE RIVER (NO.) BRIDGE AND SR-80</u>	River/Stream	10/14/1993	9/27/1994	2	26.6882292	-81.7914511
21FLSFWM- ORANRIVS	<u>ORANGE RIVER (SO.) BRIDGE AND ORANGE RIVER BLVD.</u>	River/Stream	10/14/1993	9/27/1994	2	26.6753694	-81.7358711
21FLSFWM- POLLYCRK	<u>POLLYWOG CREEK BRIDGE AND POLLYWOG ROAD</u>	River/Stream	10/13/1993	9/26/1994	2	26.7657114	-81.4591125
21FLSFWM- SPANHCRK	<u>SPANISH CREEK CULVERT AND SR-80</u>	River/Stream	10/13/1993	9/26/1994	2	26.7260064	-81.5991378
21FLSFWM- TELEGCRK	<u>TELEGRAPH CREEK BRIDGE AND SR-78</u>	River/Stream	10/13/1993	9/26/1994	2	26.7308714	-81.7016531
21FLSFWM- TROUTCRK	<u>TROUT CREEK CULVERT AND SR- 78</u>	River/Stream	10/13/1993	9/26/1994	2	26.7404156	-81.7367233
21FLSFWM_WQX -CES01	<u>CALOOSAHATCHEE WATER QUALITY MONITORING STATION</u>	Estuary	1/27/2009	9/29/2009	9	26.7216667	-81.69
21FLSFWM_WQX -CES02	<u>CALOOSAHATCHEE WATER QUALITY MONITORING STATION</u>	Estuary	7/28/2010	7/28/2010	1	26.7252778	-81.7091667
21FLSFWM_WQX -CES03	<u>CALOOSAHATCHEE WATER QUALITY MONITORING STATION</u>	Estuary	1/7/2014	9/13/2016	27	26.7167331	-81.7560714
21FLSFWM_WQX -CES04	<u>CALOOSAHATCHEE WATER QUALITY MONITORING STATION</u>	Estuary	1/7/2014	9/13/2016	27	26.6816667	-81.8338889
21FLSFWM_WQX -CES05	<u>CALOOSAHATCHEE WATER QUALITY MONITORING STATION</u>	Estuary	1/7/2014	9/13/2016	27	26.6366667	-81.8886111

Site Number	Station Name	Site Type	Start Date	End Date	Count	Latitude	Longitude
21FLSFWM_WQX-CES06	CALOOSAHATCHEE WATER QUALITY MONITORING STATION	Estuary	1/7/2014	9/13/2016	26	26.5822222	-81.9102778
21FLSFWM_WQX-CES07	CALOOSAHATCHEE WATER QUALITY MONITORING STATION	Estuary	1/7/2014	9/13/2016	27	26.5305556	-81.9655556
21FLSFWM_WQX-CR33.5T	Townsend Canal on the north side of the State Road 80 bridge	Land	2/25/2009	3/1/2011	8	26.7094444	-81.5580556
21FLSWFD_WQX-26308	UNNAMED CREEK 22	River/Stream	9/18/2007	10/2/2014	11	26.9454111	-81.614819
21FLSWFD_WQX-796113	LOWER LEMON BAY CCHMN-529	Estuary	12/15/2011	3/2/2015	6	26.8586111	-81.708161
21FLSWFD_WQX-796114	LOWER LEMON BAY CCHMN-532	Estuary	9/12/2012	12/9/2015	11	26.8419416	-81.724827
21FLSWFD_WQX-796115	LOWER LEMON BAY CCHMN-531	Estuary	12/15/2011	12/9/2015	13	26.8419416	-81.708163
21FLSWFD_WQX-796117	LOWER LEMON BAY CCHMN-533	Estuary	2/16/2012	5/20/2015	7	26.8252722	-81.708163
21FLSWFD_WQX-796119	LOWER LEMON BAY CCHMN-517	Estuary	12/15/2011	11/4/2015	13	26.9252833	-81.658163
21FLSWFD_WQX-796120	LOWER LEMON BAY CCHMN-516	Estuary	1/12/2012	10/19/2015	10	26.9252833	-81.641497
21FLSWFD_WQX-796121	LOWER LEMON BAY CCHMN-521	Estuary	12/15/2011	10/19/2015	9	26.9086166	-81.67483
21FLSWFD_WQX-796122	LOWER LEMON BAY CCHMN-520	Estuary	2/16/2012	12/9/2015	9	26.9086166	-81.658163
21FLSWFD_WQX-796123	LOWER LEMON BAY CCHMN-519	Estuary	2/16/2012	5/20/2015	6	26.9086138	-81.6415
21FLSWFD_WQX-796124	LOWER LEMON BAY CCHMN-524	Estuary	9/9/2014	3/2/2015	4	26.8919472	-81.691494
21FLSWFD_WQX-796125	LOWER LEMON BAY CCHMN-523	Estuary	5/10/2012	12/9/2015	10	26.8919472	-81.67483
21FLSWFD_WQX-796126	LOWER LEMON BAY CCHMN-522	Estuary	5/10/2012	3/2/2015	7	26.8919472	-81.658163
21FLSWFD_WQX-796128	LOWER LEMON BAY CCHMN-526	Estuary	4/11/2012	8/14/2014	4	26.8752777	-81.691497
21FLSWFD_WQX-796129	LOWER LEMON BAY CCHMN-525	Estuary	5/10/2012	10/19/2015	6	26.8752777	-81.67483
21FLSWFD_WQX-796130	LOWER LEMON BAY CCHMN-528	Estuary	3/22/2012	1/7/2015	6	26.8586111	-81.691497

Site Number	Station Name	Site Type	Start Date	End Date	Count	Latitude	Longitude
21FLSWFD_WQX-796133	LOWER LEMON BAY CCHMN-515	Estuary	12/15/2011	9/1/2015	11	26.9397555	-81.658158
21FLSWFD_WQX-796134	LOWER LEMON BAY CCHMN-514	Estuary	1/12/2012	6/1/2015	8	26.9397333	-81.641505
21FLSWFD_WQX-796135	LOWER LEMON BAY CCHMN-513	Estuary	3/22/2012	12/1/2014	3	26.9396944	-81.624841
21FLWQSP_WQX-CALOOS1	Riverbend (Caloosahatchee) 1	River/Stream	4/11/2013	6/12/2013	2	26.71835	-81.53063
21FLWQSP_WQX-CALOOS2	Riverbend (Caloosahatchee) 2	River/Stream	4/11/2013	6/12/2013	2	26.7447	-81.5106
21FLWQSP_WQX-CALOOS3	Riverbend (Caloosahatchee) 3	River/Stream	4/11/2013	6/12/2013	2	26.7689	-81.4375
21FLWQSP_WQX-GLA630GS	Cypress Branch upstream of SR78 (WBID 3235G)	River/Stream	4/14/2005	1/23/2006	9	26.8138736	-81.335413
21FLWQSP_WQX-HEN640GS	Jack's Branch upstream of Kirby-Thompson Rd (WBID 3235D)	River/Stream	4/14/2005	6/9/2006	10	26.7560145	-81.533637
21FLWQSP_WQX-LEE634US	SFD-HS-1036 at Slater Rd (WBID 3240F)	River/Stream	4/1/2005	1/9/2006	8	26.72822	-81.851608
21FLWQSP_WQX-LEE638GS	Telegraph Creek upstream of SR 78 (WBID 3236A)	River/Stream	3/31/2005	5/31/2006	9	26.7355533	-81.701688
21FLWQSP_WQX-LEE656GS	Orange River upstream of Buckingham Rd (WBID 3240K)	River/Stream	3/31/2005	1/17/2006	12	26.6704321	-81.731743
21FLWQSP_WQX-LEE664US	Manual's Branch upstream of Cortez Blvd (WBID 3240I)	River/Stream	4/22/2005	5/31/2006	9	26.6273321	-81.880058
CAPECRD_WQX-242	Caloosahatchee River, northwest of Caloosahatchee Bridge	River/Stream	11/4/1991	9/5/2018	337	26.6438889	-81.8741667
CAPECRD_WQX-350	Caloosahatchee River, east of Chantry Canal	River/Stream	1/5/1988	12/9/2003	168	26.6227778	-81.9097222
2257000	FISHEATING CREEK AT LAKEPORT, FL	ST	9/25/1948	5/4/1973	81	26.9625566 5	-81.11784588
2275503	TAYLOR CREEK AT HGS-6 NEAR OKEECHOBEE, FL	ST	12/20/1939	12/20/1939	1	27.2066666 7	-80.7980556
2276001	10B2 LAKE OKEECHOBEE POINT #1	LK	1/16/1969	1/16/1969	1	26.7961736 6	-80.852562
2276400	LAKE OKEECHOBEE, FL	LK	5/22/1975	11/10/1977	10	26.9503341 5	-80.83311669
2276402	10B LAKE OKEECHOBEE AT POINT 2 FLA	LK	1/16/1969	8/23/2018	26	26.8253389 3	-80.7845047

Site Number	Station Name	Site Type	Start Date	End Date	Count	Latitude	Longitude
2276403	10B LAKE OKEECHOBEE AT POINT 3 FLA	LK	1/16/1969	1/15/1970	8	26.868393	-80.8511729
2276413	10B LAKE OKEECHOBEE AT POINT 13 FLA	LK	1/16/1969	8/23/2018	10	26.9322789 7	-80.6817241
2276414	10B LAKE OKEECHOBEE AT POINT 14 FLA	LK	1/16/1969	1/14/1970	8	26.8795033	-80.7345033
2276415	10B LAKE OKEECHOBEE AT POINT 15 FLA	LK	1/16/1969	5/31/1972	25	26.9253350 6	-80.7983937
2276416	LAKE OKEECHOBEE AT PAHOKEE, FLA.	ST	12/10/1963	11/8/1979	60	26.8253383	-80.6678352
2276418	10B LAKE OKEECHOBEE AT POINT 18 FLA	LK	8/28/1969	1/15/1970	4	26.8147843 6	-80.9470088
2276502	10B2 LAKE OKEECHOBEE POINT # 2	LK	1/16/1969	1/16/1969	1	26.8253389 3	-80.7845047
2278000	WEST PALM BEACH CANAL AT S352 AT CANAL POINT FLA	ST-CA	7/31/1940	12/11/1979	456	26.8642256	-80.631723
2280000	10B HILLSBORO CA AT HGS-4 AT LK OKEECHOBEE	ST-CA	10/17/1952	4/24/1975	14	26.7003433 9	-80.7164478
2286399	MIAMI CA ABOVE S-354 AND S-3 AT LAKE HARBOR, FLA	ST	12/21/1939	5/2/1980	56	26.6989550 4	-80.8067278
2286500	10B MIAMI CA N OF CT AT LK HARBOR FLA	ST-CA	9/23/1945	9/23/1945	1	26.7003439	-80.8164503
2286501	MIAMI CA AT LK HARBOR S OF CT	ST	12/18/1939	5/29/1945	6	26.7003439	-80.8164503
2292000	CALOOSAHATCHEE CA AT MOORE HAVEN FLA	ST-CA	9/4/1923	5/2/1980	659	26.8398305 6	-81.0871583
2292010	CALOOSAHATCHEE CANAL DWS OF S-77 AT MOORE HAVEN FL	ST-CA	10/25/2017	8/21/2018	5	26.8333333 3	-81.08888889
2292480	CALOOSAHATCHEE CANAL AT ORTONA LOCK NR LA BELLE	ST-CA	2/22/1945	10/20/1999	1085	26.7897863	-81.3028506
2292481	CALOOSAHATCHEE CANAL BELOW S-78 NR LA BELLE FL	ST-CA	1/1/1993	1/1/1993	1	26.7897863	-81.3028506
2292700	10B CALOOSAHATCHEE R AT DENAUD FLA	ST-CA	8/9/1945	8/21/2018	78	26.7448138 9	-81.511775
2292780	TOWNSEND CANAL NEAR ALVA, FL	ST-CA	5/13/1977	6/6/1991	44	26.7077527 8	-81.5580361
2292795	CALOOSAHATCHEE RIVER AT ALVA FLA	ST	8/9/1945	9/10/1998	39	26.7136792 6	-81.61035749

Site Number	Station Name	Site Type	Start Date	End Date	Count	Latitude	Longitude
2292900	CALOOSAHATCHEE RIVER AT S-79, NR.OLGA, FLA	ST	3/31/1953	2/5/2019	634	26.72173487	-81.69313699
2293000	ORANGE RIVER NR FORT MYERS, FLA.	ST	2/3/1944	7/1/1963	68	26.6670152	-81.7320269
2293050	ORANGE RIVER AT BUCKINGHAM NR FORT MYERS, FLA.	ST	12/16/1939	5/1/1975	34	26.67034839	-81.7320269
2293190	BILLYS CR AT FT MYERS FL	ST	2/3/1944	5/5/1945	15	26.65388889	-81.8405556
2293192	BILLYS CR TRIBUTARY AT FT MYERS FL	ST	2/3/1944	5/5/1944	2	26.64840534	-81.8406408
2293195	10B UNNAMED STREAM AT MICH AVE & CEM AT FT	ST	2/3/1944	8/24/1944	3	26.6481276	-81.8478632
2293210	CALOOSAHATCHEE RIVER AT SHELL POINT NEAR IONA, FL	ST	10/26/2017	8/20/2018	4	26.52371389	-82.0050806
2293212	10B MANUELS BR AT MCGREG BLVD AT FT MYERS	ST	2/3/1944	5/5/1944	2	26.63007293	-81.8828643
2293214	MEADE CANAL AT CAPE CORAL, FL	ST-CA	11/13/1987	3/12/1991	18	26.6364617	-81.9298099
2293216	MACKINAC CANAL AT CAPE CORAL, FL	ST-CA	2/10/1988	3/11/1991	17	26.63618405	-81.95786619
2293241	SAN CARLOS CANAL AT CAPE CORAL, FL	ST-CA	1/14/1988	3/12/1991	17	26.60340765	-81.9631443
2293243	COURTNEY CANAL AT CAPE CORAL, FL	ST-CA	10/14/1987	3/11/1991	22	26.57813097	-81.983145
263104081552500	UNNAMED STREAM AT SR 805 NEAR FT MYERS FL	ST	4/22/1975	4/22/1975	1	26.5181333	-81.9234216
263144081592700	CALOOSAHATCHEE RIV AT MARKER 90 NEAR FT MYERS FL	ST	1/17/1973	4/22/1975	5	26.5292441	-81.9906456
263154081575000	CALOOSAHATCHEE R AT MARKER 82 NR FT MYERS FL	ST	1/17/1973	4/22/1975	5	26.5320217	-81.9637004
263155081553701	DEEP LAGOON CA AT MC GREGOR BLV NEAR FT MYERS FL	ST	9/18/1974	4/23/1975	2	26.53229939	-81.9267549
263216081564500	CALOOSAHATCHEE RIV AT MARKER 78 NR FORT MYERS FL	ST	1/17/1973	4/22/1975	5	26.5381325	-81.9456443
263230081573000	CALOOSAHATCHEE R ESTUARY NEAR FT MYERS FL	ES	9/6/1978	9/6/1978	1	26.54202128	-81.9581446
263244081561700	CALOOSAHATCHEE R AT MARKER 72 NR FT MYERS FL	ST	1/17/1973	4/22/1975	5	26.54590996	-81.9378663

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263303081592101	C COR QW MONTHLY 9	LK	11/6/1985	6/9/1987	59	26.5511876 5	-81.9889787
263329081555000	CALOOSAHATCHEE RIVER AT MARKER 70 NEAR FT MYERS FL	ST	10/26/2017	8/20/2018	5	26.5575666 7	-81.9312444
263329081555500	CALOOSAHATCHEE R AT MARKER 70 NEAR FT MYERS FL	ST	1/17/1973	10/1/1985	30	26.5584094	-81.9317549
263340081575000	SAN CARLOS CANAL NEAR CAPE CORAL FL	ST-CA	1/17/1973	4/22/1975	4	26.5614649 3	-81.96370019
263345081582201	C COR QW MONTHLY 6	ST-CA	11/6/1985	6/9/1987	40	26.5628537 9	-81.9725893
263351081591701	C COR QW MONTHLY 8	ST-CA	11/6/1985	6/9/1987	35	26.5645204 3	-81.9878675
263402081552500	CALOOSAHATCHEE R AT MARKER 69 NEAR FT MYERS FL	ST	1/17/1973	4/22/1975	5	26.5675756 8	-81.9234213
263435081535401	WHISKEY CK AT MCGREGOR BLVD NEAR FT MYERS FL	ST	4/23/1975	4/23/1975	1	26.5767419	-81.8981428
263435081545800	CALOOSAHATCHEE R AT MARKER 68 NEAR FT MYERS FL	ST	1/17/1973	4/22/1975	5	26.5767419 5	-81.915921
263437081563101	C COR QW MONTHLY 4	ST-CA	11/6/1985	6/9/1987	39	26.5772975 5	-81.941755
263457081581801	CRISSWELL CANAL NEAR FT MYERS FL	ST-CA	4/11/1975	4/11/1975	1	26.5828529 6	-81.971478
263506081570801	C COR QW MONTHLY 11	ST-CA	11/6/1985	6/9/1987	36	26.5853528	-81.952033
263518081541400	CALOOSAHATCHEE R AT MARKER 63 NEAR FT MYERS FL	ST	1/17/1973	4/22/1975	5	26.5886858 5	-81.90369839
263523081572501	C COR QW MONTHLY 10	ST-CA	11/6/1985	6/9/1987	37	26.5900748 4	-81.9567554
263533081590900	COURTNEY CA AT GLEASON PKWY NEAR FT MYERS FL	ST-CA	1/17/1973	4/22/1975	5	26.5928525 9	-81.985645
263558081562900	LIDO CA AT DEL PRADO PKY AT CAPE CORAL FL	ST	1/17/1973	4/22/1975	5	26.5997966	-81.9411993
263558081563001	C COR QW MONTHLY 3	ST-CA	11/6/1985	6/9/1987	34	26.5997966	-81.9414771
263603081540400	CALOOSAHATCHEE R AT MARKER 61 NEAR FT MYERS FL	ST	1/17/1973	8/20/2018	9	26.6044083 3	-81.8997944
263607081204700	GOODNO CANAL (NO-2) @ SR- 832FELDA SE	ST-CA	4/24/1975	9/20/1979	27	26.6022936 8	-81.3461857
263607081204701	GOODNO CA (NO-2) @ SR- 832FELDA SE	ST	7/13/1978	9/6/1978	4	26.6022936 8	-81.3461857

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263618081133300	42 FOOT CA @ SR-832 LA BELLE &SW	ST	10/27/1977	9/20/1979	25	26.60534874	-81.2256274
263640081515101	GOLF COURSE CA AT FOWLER ST AT FT MYERS FL	ST	9/18/1974	4/23/1975	2	26.61146255	-81.863975
263640081522101	GOLF COURSE CA AT CLEVELAND ST AT FT MYERS FL	ST	9/18/1974	4/23/1975	2	26.61146257	-81.8723085
263640081524101	GOLF COURSE CANAL NEAR FT MYERS FL	ST-CA	9/18/1974	4/23/1975	2	26.61146259	-81.8778642
263640081530401	GOLF COURSE CA AT MCGREGOR BLV AT FT MYERS FL	ST	9/18/1974	4/23/1975	2	26.6114626	-81.88425329
263651081335600	10B DOG CA AT E 4TH STREET	ST-CA	1/17/1973	4/22/1975	5	26.61451638	-81.565357
263654081535000	CALOOSAHATCHEE R AT MARKER 60 NEAR FT MYERS FL	ST	1/17/1973	4/22/1975	5	26.61535138	-81.89703139
263736081464301	SIX MI CYPRESS CREEK AT SR82 NR FT MYERS FL	ST	1/14/1974	9/15/1975	5	26.62701715	-81.77841709
263745081533600	CALOOSAHATCHEE R AT MARKER 56 NR FT MYERS FL	ST	1/17/1973	5/7/1985	12	26.62951744	-81.8931423
263746081525801	MANUEL BRANCH AT MCGREGOR BLV AT FT MYERS FL	ST	2/3/1944	5/5/1944	2	26.62979517	-81.8825865
263823081513001	FT. MYERS, FLA	ST	1/25/1952	4/1/1953	3	26.6400724	-81.8581413
263827081513300	DITCH AT ACLRR AND 2 ST FT MYERS FL	ST-DCH	2/3/1944	5/4/1944	2	26.64118349	-81.85897468
263829081525800	CALOOSAHATCHEE R AT MARKER 52 NEAR FT MYERS FL	ST	1/17/1973	8/20/2018	9	26.64151667	-81.8820278
263848081202200	UNN.STR 8.0 MILES S LABELLE 6.0 MILES E OF SR-29	ST	4/24/1975	4/24/1975	1	26.64701416	-81.3392409
263848081223100	UNN.STR.8.0 MILES S LABELLE 4.0 MILES E OF SR-29	ST	4/24/1975	4/24/1975	1	26.64701427	-81.37507498
263853081504800	CREEK AT MICHIGAN AND PALMETTO FT MYERS FL	ST	2/3/1944	5/5/1944	6	26.64840536	-81.8464743
263854081515900	CALOOSAHATCHEE R AT US41 NEAR FT MYERS FL	ST	3/31/1953	3/31/1953	1	26.6486832	-81.866197
263900081523000	CALOOSAHATCHEE ESTUARY AT FT MYERS FL	ES	9/6/1978	9/6/1978	1	26.6503498	-81.8748084
263902081520300	CALOOSAHATCHEE RIV AT MARKER 42 NR FT MYERS FL	ST	4/22/1975	10/1/1985	57	26.65090533	-81.8673082
263904081512500	BILLY CREEK AT 1ST AT FT MYERS FL	ST	8/24/1944	8/20/2018	18	26.6521972	-81.8570556

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263913081502700	BILLY CREEK AT PALMETTO AVE AT FT MYERS FL	ST	1/17/1973	4/22/1975	4	26.6539606 6	-81.8406408
263942081513500	CALOOSAHATCHEE R AT MARKER 38 NEAR FT MYERS FL	ST	1/17/1973	4/22/1975	5	26.6620159 4	-81.8595301
263946081490700	BILLY CREEK AT NUNA AVE AT FT MYERS FL	ST	2/3/1944	2/3/1944	2	26.6631268 5	-81.818418
263956081335800	10B DOG CA AT 18TH ST	ST-CA	1/17/1973	4/22/1975	5	26.6659031 9	-81.5659123
264001081534800	YELLOW FEVER CK AT PONDELL RD NEAR FT MYERS FL	ST	4/22/1975	4/22/1975	1	26.6672936 4	-81.8964755
264006081534400	HANCOCK CREEK AT PONDELLA ROAD, NORTH FT MYERS, FL	ST	7/9/2018	8/20/2018	2	26.6669583 3	-81.89643889
264009081522700	POWELL CREEK AT SUNRISE DRIVE NR NORTH FT MYERS FL	ST	10/26/2017	8/20/2018	4	26.6689388 9	-81.8737861
264027081504000	CALOOSAHATCHEE R AT MARKER 32 NEAR FT MYERS FL	ST	1/17/1973	8/20/2018	9	26.6743527 8	-81.8436278
264041081550700	HANCOCK CREEK AT SR 78 NEAR FT MYERS FL	ST	4/22/1975	4/22/1975	1	26.6784043 7	-81.9184204
264047081261400	UNN. STREAM 5.6 MILES S OF LABELLE ON SR-29	ST	4/24/1975	4/24/1975	1	26.6800687 4	-81.4370206
264054081524000	YELLOW FEVER CREEK AT SR78 NEAR FT MYERS FL	ST	1/17/1973	4/22/1975	4	26.6820151 7	-81.877586
264055081524000	POWELL CREEK AT SR78 NEAR FT MYERS FL	ST	9/18/1974	9/12/1975	6	26.6822929 3	-81.877586
264106081494900	CALOOSAHATCHEE R AT MARKER 26 NEAR FT MYERS FL	ST	1/17/1973	12/7/1982	11	26.6853481 6	-81.8300848
264115081473200	ORANGE RIVER AT SR-80 NEAR FT MYERS, FLA	ST	12/8/1982	8/20/2018	9	26.6888694 4	-81.7924806
264128081513200	INDIAN CREEK AT SR-78	ST	4/22/1975	4/22/1975	1	26.6914591 3	-81.8586966
264128081513201	INDIAN CREEK @ SR-78	ST	4/23/1975	9/12/1975	3	26.6914591 3	-81.8586966
264140081494600	DAUGHTERY CR AT CLUBHOUSE RD NR NORTH FT MYERS FL	ST	10/26/2017	8/20/2018	4	26.694975	-81.8293556
264147081551200	YELLOW FEVER CREEK AT LITTLETON ROAD	ST	4/22/1975	4/22/1975	1	26.6967369 4	-81.9198093
264147081551201	YELLOW FEVER CREEK @ LITTLETON RD	ST	5/6/1975	9/11/1975	2	26.6967369 4	-81.9198093

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264155080482700	LAKE OKEECHOBEE NR LAKE HARBOR FL	ST	12/21/1939	12/21/1939	1	26.69895504	-80.8072834
264156080475200	LAKE OKEECHOBEE (SITE 3 NR PB-508)	LK	8/6/1964	12/10/1964	2	26.69923277	-80.7975609
264156080482300	FLOOD CONTROL STATION S-3	ST	5/10/1977	5/10/1977	1	26.6992328	-80.8061723
264202080441300	FCD STATION LOK 5 ON LAKE OKEECHOBEE	LK	5/10/1977	5/10/1977	1	26.70089908	-80.736726
264207081462800	CALOOSAHATCHEE R AT MARKER 11 NEAR FT MYERS FL	ST	4/22/1975	3/8/1985	7	26.70229164	-81.77424999
264208080425700	FLOOD CONTROL STATION S-2	ST	5/10/1977	5/10/1977	1	26.7025655	-80.7156144
264214081504200	DAUGHTREY CREEK AT SR78 NEAR FT MYERS FL	ST	1/17/1973	9/18/1974	4	26.7042363	-81.8448073
264230081435500	10B BEDMAN CREEK AT SR 80	ST	1/17/1973	1/17/1973	1	26.70868006	-81.731749
264233080474400	FCD STATION LOK 10 ON LAKE OKEECHOBEE	LK	5/10/1977	5/10/1977	1	26.70951014	-80.7953386
264233081333001	TOWNSEND CANAL @ SR-80	ST-CA	1/14/1976	1/14/1976	1	26.7095125	-81.55813419
264233081333201	TOWNSEND CANAL AT SR-80	ST-CA	4/24/1975	4/24/1975	1	26.7095125	-81.5586898
264235080430700	FCD STATION LOK 3 ON LAKE OKEECHOBEE	LK	5/10/1977	5/10/1977	1	26.71006524	-80.7183922
264235081304300	SIMMONS BRANCH 6.1 MILES SW OF LABELLE ON SR-80	ST	4/24/1975	4/24/1975	1	26.7100678	-81.5117443
264246081332700	CALOOSAHATCHEE RIVER OXBOW NR ALVA, FLA.	ST	3/7/1979	3/7/1979	1	26.71312347	-81.5573008
264249081363800	CALOOSAHATCHEE R AT SR78 AT ALVA FL	ST	1/17/1973	6/14/1976	7	26.713957	-81.61035749
264251081334400	CALOOSAHATCHEE RV AT TOWNSEND CANAL NR ALVA FL	ST	10/25/2017	8/21/2018	4	26.7141472	-81.5625306
264253081402200	HICKEY CREEK AT SR80 NEAR ALVA FL	ST	1/17/1973	9/21/1979	50	26.71506839	-81.672581
264253081480100	STROUD CREEK AT SR-78	ST	4/22/1975	4/22/1975	1	26.71506898	-81.8000839
264253081480101	STROUD CREEK @ SR-78	ST	4/23/1975	9/17/1975	3	26.71506898	-81.8000839
264253081483200	POPASH CREEK AT SR78 NEAR FT MYERS FL	ST	1/17/1973	9/17/1975	6	26.715069	-81.8086952
264254081332300	CALOOSAHATCHEE RIVER NR ALVA, FLA.	ST	3/7/1979	3/7/1979	1	26.71534559	-81.5561897

Site Number	Station Name	Site Type	Start Date	End Date	Count	Latitude	Longitude
264255081370900	CALOOSAHATCHEE RIVER AT ALVA, FLA.	ST	3/7/1979	3/7/1979	1	26.71562366	-81.6189688
264257081454100	CALOOSAHATCHEE R AT SR-31 BRIDGE NR FT MYERS, FL	ST	4/22/1975	8/20/2018	14	26.71574444	-81.76225
264259081370800	CALOOSAHATCHEE RIVER OXBOW AT ALVA, FLA.	ST	3/7/1979	3/7/1979	1	26.7167347	-81.61869099
264300080492100	FCD STATION LOK 12 ON LAKE OKEECHOBEE	LK	5/10/1977	5/10/1977	1	26.71700996	-80.8222837
264300081360000	CALUSHATCHEE AT ALVA FLA	ST	3/31/1953	3/31/1953	1	26.7170124	-81.5998017
264300081360001	ALVA, FLA	ST	3/31/1953	3/31/1953	1	26.7170124	-81.5998017
264300081430000	CALOOSAHATCHEE R AT OLGA	ST	3/31/1953	3/31/1953	1	26.71701296	-81.7164708
264302081444000	CALOOSAHATCHEE R AT MARKER 5 NR FT MYERS, FL	ST	5/7/1985	5/7/1985	7	26.7175686	-81.7442492
264311080482700	FCD STATION LOK 9 ON LAKE OKEECHOBEE	LK	5/10/1977	5/10/1977	1	26.72006534	-80.8072833
264311081380800	CYPRESS CREEK AT MOUTH NEAR ALVA FL	ST	10/25/2017	8/21/2018	4	26.71976667	-81.6357833
264313081405900	CALOOSAHATCHEE RIVER NR OLGA, FLA.	ST	3/7/1979	3/7/1979	2	26.72062376	-81.682859
264315081310600	BANANA BR @ SR-78A ALVA	ST	2/15/1978	9/20/1979	14	26.7211785	-81.51813329
264315081311701	DAUGHTREY CREEK AT SLATER RD NR FT MYERS FLA	ST	9/12/1975	9/12/1975	1	26.72117853	-81.5211889
264318081410900	CALOOSAHATCHEE RIVER AT WMD SITE 40-3	ST	10/17/1979	10/17/1979	1	26.7220126	-81.6856368
264319080481300	FCD STATION LOK 8 ON LAKE OKEECHOBEE	LK	5/10/1977	5/10/1977	1	26.72228746	-80.8033943
264319081405100	CALOOSAHATCHEE RIVER OXBOW NR OLGA, FLA.	ST	3/7/1979	3/7/1979	1	26.72229034	-81.6806367
264327080470600	FCD STATION LOK 11 ON LAKE OKEECHOBEE	LK	5/10/1977	5/10/1977	1	26.7245095	-80.7847828
264329081413400	CALOOSAHATCHEE R AT LOCK AT OLGA FL	ST	8/9/1945	9/18/1974	6	26.72506806	-81.6925814
264331081423100	CALOOSAHATCHEE RIVER AT MARKER 2 NEAR OLGA (MK2)	ES	10/26/2017	8/20/2018	4	26.72521389	-81.7081472
264332081373800	10B CYPRESS CREEK AT SR 78 ALVA	ST	1/17/1973	9/20/1979	51	26.72590105	-81.6270245

Site Number	Station Name	Site Type	Start Date	End Date	Count	Latitude	Longitude
264332081373801	CYPRESS CREEK AT SR 78	ST	8/27/1974	9/15/1975	4	26.7259010 5	-81.6270245
264344080493000	FCD STATION LOK 14 ON LAKE OKEECHOBEE	LK	5/10/1977	5/10/1977	1	26.7292317 3	-80.8247838
264346081301700	ROBERTS CANAL 5.6 MILES SW OF LABELLE ON SD-80	ST-CA	4/24/1975	9/20/1979	63	26.7131232	-81.5045219
264346081301701	ROBERTS CANAL @ SR-80	ST-CA	1/14/1976	1/14/1976	1	26.7297892	-81.5045219
264349080432800	FCD STATION LOK 4 ON LAKE OKEECHOBEE	LK	5/10/1977	5/10/1977	1	26.7306200 3	-80.7242257
264400080450000	FCD STATION LOK 6 ON LAKE OKEECHOBEE	LK	5/10/1977	5/10/1977	1	26.7336756 9	-80.7497819
264400080460000	LAKE OKEECHOBEE AT SOUTH BAY (FCD)	LK	9/1/1976	5/10/1977	2	26.7336757 6	-80.7664489
264400080500000	FCD STATION RITTA I ON LAKE OKEECHOBEE	LK	5/10/1977	5/10/1977	1	26.7336760 4	-80.83311728
264411081132900	FORTY TWO FOOT CA NR ORTONA LA BELLE 4 NW	ST	2/14/1979	2/14/1979	1	26.7367326 3	-81.2245157
264417080494400	FCD STATION LOK 13 ON LAKE OKEECHOBEE	LK	5/10/1977	5/10/1977	1	26.7383980 6	-80.8286727
264417081281700	CRAWFORD CA @ SR-80, FL LA BELLE	ST	4/24/1975	9/21/1979	30	26.7383999	-81.4711878
264423081441300	10B TROUT CREEK AT SR 78	ST	1/17/1973	9/18/1974	3	26.7400676	-81.736749
264423081441301	TROUT CREEK @ SR-78	ST	4/23/1975	9/17/1975	3	26.7400676	-81.736749
264445081274400	MESSER CA @ SR-80, FL LA BELLE	ST	4/20/1977	9/21/1979	28	26.7461773 5	-81.4620209
264449081303800	CALOOSAHATCHEE AT BRIDGE AT FT DENAUD FLA	ST	8/9/1945	4/24/1975	4	26.7472885 6	-81.5103552
264449081303801	DENAUD, FLA	ST	3/31/1953	3/31/1953	1	26.7472885 6	-81.5103552
264450081304800	JACK'S BRANCH AT SR-765	ST	4/24/1975	4/24/1975	1	26.7475663 4	-81.513133
264500080450000	10B LAKE OKEECHOBEE NR BELLE GLADE FLA	LK	5/25/1971	5/25/1971	1	26.7503417	-80.7497818
264505080434000	FCD STATION LOK 1 ON LAKE OKEECHOBEE	LK	5/30/1977	5/30/1977	1	26.7517303 4	-80.727559
264510081313100	JACKS BRANCH @ NORRIS RD TELSWAMP SE	ST	10/26/1977	9/20/1979	27	26.7531217	-81.5250778
264511081285700	BEE CA @ SR-78 LA BELLE	ST-CA	4/12/1978	9/19/1979	19	26.7533993 4	-81.482299

Site Number	Station Name	Site Type	Start Date	End Date	Count	Latitude	Longitude
264514080550700	INDUSTRIAL CANAL AT CLEWISTON	ST-CA	9/22/1976	5/1/1980	21	26.76075867	-80.9179804
264528080453900	FCD STATION LOK 7 ON LAKE OKEECHOBEE	LK	5/10/1977	5/10/1977	1	26.75811923	-80.7606154
264529081284000	HES-12 BEE BR @ SR-78 LA BELLE	ST	4/24/1975	9/19/1979	33	26.75839913	-81.4775767
264539080550900	LK OKEECKOBEE AT CLEWISTON ON 500 FT W OF HURR G	ST	1/29/1940	1/29/1940	1	26.7778413	-80.9189526
264539081303900	JACKS BRANCH TRIB. AT FT. DENAUD, FLA.	ST	4/25/1979	4/25/1979	1	26.7611769	-81.510633
264546081240100	HES-5 OKALACOUCHEE BR @ SR-80 LABELLA (H-4)	ST	4/20/1977	9/20/1979	27	26.76312096	-81.400075
264547081240200	CANAL 2.3 MILES E LABELLE ON SR-80	ST-CA	4/24/1975	4/24/1975	1	26.7633987	-81.4003528
264600080430000	LAKE OKEECHOBEE AT PELICAN BAY (FCD)	LK	9/1/1976	5/10/1977	2	26.76700745	-80.7164476
264601081102200	CANAL 16.7 MILES E LABELLE ON SR-80	ST-CA	4/24/1975	4/24/1975	1	26.76728689	-81.1725699
264602081102000	GRASSY MARSH EAST CANAL AT SR 80	ST-CA	11/10/1976	9/20/1979	46	26.76756465	-81.1720144
264603081261001	LABELLE FLA	ST	3/22/1948	3/22/1948	1	26.76784309	-81.4359091
264604081121300	HES-9 BEAU HAMMOCK TRIB @ SR-80 LKHICPOCHEE	ST	5/13/1977	9/20/1979	26	26.76812026	-81.20340399
264604081140000	FORTY-TWO FOOT CANAL AT SR-80	ST-CA	4/24/1975	9/20/1979	29	26.7681203	-81.2331269
264605081161900	HES-7 LONG HAMMOCK CR @ SR-80 GOONO	ST	4/24/1975	9/20/1979	27	26.76839818	-81.2717389
264605081181400	HES-6 GOODNO CA @ SR 80 GOODNO	ST	4/24/1975	9/20/1979	28	26.76839827	-81.303684
264606081213100	CANAL 5.0 MILES E LABELLE ON SR-80	ST-CA	4/24/1975	4/24/1975	1	26.76867618	-81.3584074
264607081273200	POLLYWOG CREEK AT SR-78	ST	4/24/1975	4/24/1975	1	26.7689542	-81.45868739
264608081261500	CALOOSAHATCHEE RIV AT LABELLE NR FT MYERS	ST	8/9/1945	8/21/2018	8	26.76917778	-81.435975
264608081261501	CALOOSAHATCHEE RIVER AT BRIDGE AT LA BELLE FLA	ST	9/18/1974	11/21/1979	7	26.76923193	-81.437298
264638080482400	N OF RITTA ISLAND IN L'OKEECHOBEE 3 MI	ST	7/9/1913	7/9/1913	1	26.7775631	-80.8064498

Site Number	Station Name	Site Type	Start Date	End Date	Count	Latitude	Longitude
264700080420000	<u>EAST SHORE LAKE OKEECHOBEE AT RIM CANAL</u>	LK	9/1/1976	5/10/1977	2	26.7836733 6	-80.69978048
264700081101500	<u>CALOOSAHATCHEECANAL SOUTHWEST OF MOORE HAVEN FLA</u>	ST-CA	10/25/2017	8/21/2018	4	26.7840861	-81.1720611
264700081180000	<u>CALOOSAHATCHEE RIV UPS ORTONA LOCK</u>	ST	2/22/1945	6/14/1976	23	26.7836754 4	-81.299795
264700081180200	<u>CALOOSAHATCHEE RIV DNS ORTONA LOCKS NR FT MYERS</u>	ST	8/9/1945	3/31/1953	29	26.7836754 4	-81.30035059
264715081181700	<u>GOODNO CA @ ORTONA LOCK FL GOODNO</u>	ST	11/15/1977	9/20/1979	28	26.7878419 5	-81.3045173
264718081181701	<u>CALOSAHATCHEE RIVER UPSTREAM FROM ORTANA LOCK</u>	ST	9/18/1974	8/21/2018	6	26.7889277 8	-81.3018056
264720081085900	<u>CALOOSAHATCHEE CA IN LK HICPOCHEE NR MOORE HAVEN</u>	ST-CA	3/7/1979	3/7/1979	2	26.7892304	-81.1495138
264725080574200	<u>FLOOD CONTROL STATION S-4</u>	ST	5/11/1977	5/11/1977	1	26.7906187 4	-80.9614537
264732081142000	<u>CALOOSAHATCHEE RV 4 MILES AB S78 NR LA BELLE FL</u>	ST	10/25/2017	8/21/2018	4	26.7922527 8	-81.2388028
264734081073000	<u>LAKE HICPOCHEE NR MOORE HAVEN, FLA.</u>	LK	3/7/1979	3/7/1979	2	26.7931190 8	-81.1247909
264734081164700	<u>CALOOSAHATCHEE RIVER AT WMD SITE 13.5</u>	ST	10/18/1979	10/18/1979	1	26.7931194 5	-81.27951678
264752081210800	<u>CALOOSAHATCHEE RV AT CYPRESS BRANCH NR LA BELLE FL</u>	ST	10/25/2017	8/21/2018	4	26.797175	-81.3535611
264844081122200	<u>MEANDER LINE DITCH @ SR-70 LKHICPOCHEE</u>	ST-DCH	10/26/1977	9/19/1979	29	26.8125629 4	-81.2059039
264900081011600	<u>STA 10 LEVEE CHANNEL</u>	ST-CA	10/27/1941	10/27/1941	2	26.8170067 3	-81.0208995
264926081033700	<u>STA 9 LELEE CHANNEL</u>	ST-CA	10/27/1941	10/27/1941	2	26.8242287 6	-81.06006709
264938081292000	<u>BEE BR @ SR-720 LABELLE</u>	ST	12/1/1978	9/19/1979	5	26.8275631	-81.4886878
264939081330000	<u>JACKS BR @ SR-720 TELEGRAPH SWSE</u>	ST	1/4/1979	9/19/1979	5	26.8275633 5	-81.5498002
265000080550000	<u>10B LAKE OKEECHOBEE NR CLEWISTON FLA</u>	LK	5/25/1971	5/25/1971	1	26.8336723 8	-80.9164524
265000081082200	<u>CANAL 19 (C-19) @ SR-27 LKHICPOCHEE</u>	ST-CA	12/12/1977	9/19/1979	22	26.8336730 3	-81.1392356

Site Number	Station Name	Site Type	Start Date	End Date	Count	Latitude	Longitude
265022081045000	RIM CANAL E OF ALVIN MOORE RAMP AT MOORE HAVEN, FL	ST	8/25/1999	8/23/2018	7	26.8394861	-81.0807722
265025081043000	L OKEECHOBEE MARSH IN AIRBOAT TR AT MOORE H	ST	8/24/1999	2/15/2000	3	26.840617	-81.0747896
265029081051100	LAKE OKEECHOBEE RIM CANAL @ MOORE HAVEN FL	ST-CA	10/27/1977	9/19/1979	26	26.8417281	-81.0861788
265030081050900	CALOOSAHATCHEE RIVER ABV S- 77 ATWMD SITE CR00.0	ST	10/18/1979	10/18/1979	1	26.8420058 8	-81.0856232
265137081293600	BEE BR @ SILVER LK GRADE LA BELLE	ST	12/1/1978	1/18/1979	3	26.8606173 9	-81.4931323
265151081061200	STA 2 LEVEE CHANNEL	ST-CA	10/27/1941	8/23/2018	6	26.8637138 9	-81.1037806
265200080400000	FCD STATION HGS-5 ON LAKE OKEECHOBEE	LK	5/12/1977	5/12/1977	1	26.8670034 7	-80.6664461
265300080470000	FCD STATION BOUY 7 ON LAKE OKEECHOBEE	LK	5/19/1977	5/19/1977	1	26.8836699 9	-80.7831156
265906080392600	LAKE OKEECHOBEE 2 MILES WEST OF PORT MAYACA WMD	LK	11/8/1979	11/8/1979	1	26.9853326	-80.6570012
270901080515000	L OKEECHOBEE E OF OKEE- TANTIE NR OKEECHOBEE	LK	8/19/1999	2/7/2000	3	27.1506047 8	-80.8636727
271130080455200	L OKEECHOBEE SW OF NUBBIN SLOUGH NR OKEE, F	LK	8/18/1999	2/9/2000	3	27.1919922 8	-80.7642257
323350090271700	BIG BLACK RIVER NR NEVADA, MS	ST	8/17/2005	8/17/2005	2	32.5638888 9	-90.4547222
325449090451700	BIG SUNFLOWER R BL H.B. CUTOFF NR ROLLING FORK, MS	ST	10/3/2007	10/3/2007	1	32.9137394 9	-90.7548197

GROUNDWATER QUANTITY

Table A- 7. All groundwater quantity stations in the Region of Hydrologic Influence. Source: (USGS, 2018; National Water Quality Monitoring Council, 2018).

Agency	Site Number	Station Name	Start Date	End Date	Count	Latitude	Longitude
USGS	263233081550301	L -1598	10/29/1975	8/22/2012	431	26.5425	-81.9169722
USGS	263242081572101	L -2244	12/15/1977	8/13/2018	360	26.54563223	-81.9548112
USGS	263246081531501	L -1124	10/31/1983	8/21/1996	150	26.54630556	-81.88713889
USGS	263257081585701	L -2642	5/19/1978	8/30/2012	402	26.54908333	-81.9824167
USGS	263257081585702	L -3205	5/26/1978	10/26/1993	167	26.54969444	-81.98238889
USGS	263307081555901	L -2435	10/26/1977	2/14/2019	464	26.56896454	-81.932866
USGS	263315081524201	L -1156	10/31/1983	8/21/1996	59	26.5547983	-81.8784201
USGS	263323081522401	L - 742	10/24/1984	8/23/2018	197	26.55757597	-81.87314219
USGS	263323081535301	L -1129	10/31/1983	7/25/1989	30	26.55674273	-81.8978651
USGS	263357081575602	L -2703	10/13/1982	8/22/1993	111	26.56658333	-81.9655556
USGS	263357081575603	L -3213	9/21/1978	10/26/1993	179	26.56658333	-81.9655556
USGS	263404081575801	L -1118	5/8/1970	4/12/1984	45	26.56618697	-81.9653669
USGS	263438081563201	L -1117	10/27/1980	8/26/1996	65	26.57652778	-81.9439722
USGS	263514081170701	HE -1027	11/2/1987	7/25/1995	86	26.5867385	-81.2836844
USGS	263514081170702	HE -1028	11/2/1987	7/25/1995	86	26.5867385	-81.2836844
USGS	263514081170703	HE -1029	11/2/1987	7/25/1995	84	26.5867385	-81.2836844
USGS	263532081592201	L - 581	11/2/1983	2/6/2019	184	26.59255556	-81.9890556
USGS	263532081592202	L -1136	7/1/1970	2/14/2019	588	26.59255556	-81.9890556
USGS	263533081573401	L -2641	5/19/1978	8/26/1996	215	26.59305556	-81.9594167
USGS	263533081573402	L -3204	5/26/1978	10/26/1993	143	26.59305556	-81.9594167
USGS	263548081200601	HE - 852	10/31/1986	7/25/1995	100	26.59646053	-81.3339632
USGS	263618081143001	HE - 853	10/31/1986	9/25/1995	109	26.6059043	-81.23923888
USGS	263621081563701	L -2702	10/13/1982	7/30/1998	93	26.6022965	-81.9375881
USGS	263621081563702	L -3212	9/22/1978	10/26/1993	181	26.60618525	-81.9434216
USGS	263627081562701	L - 702	10/28/1966	5/27/1981	166	26.60785183	-81.9406437
USGS	263720081573101	L -1114	10/27/1980	8/26/1996	59	26.62266667	-81.9564722
USGS	263802081493501	L - 246	1/19/1982	8/23/1994	95	26.63423923	-81.82619609
USGS	263813081552801	L -2640	5/26/1978	2/5/2019	407	26.63590617	-81.9241153
USGS	263813081552802	L -3203	5/31/1978	10/5/1993	178	26.6372222	-81.9243056
USGS	263819081585801	L -2701	10/12/1982	2/6/2019	431	26.6389618	-81.982589
USGS	263819081585802	L -3211	10/30/1978	10/26/1993	180	26.6389618	-81.982589

Agency	Site Number	Station Name	Start Date	End Date	Count	Latitude	Longitude
USGS	263824081431601	L - 414	10/29/1975	1/31/1978	27	26.6403496	-81.7209157
USGS	263839081203901	HE -1077	1/29/1988	1/30/2019	210	26.64534757	-81.3439632
USGS	263840081203901	HE -1076	1/29/1988	1/30/2019	225	26.64534757	-81.3439632
USGS	263850081365401	L - 727	1/7/1976	2/12/2019	386	26.663959	-81.5978574
USGS	263852081514802	L -5707	1/23/1984	4/26/1989	70	26.64812766	-81.8631414
USGS	263903081550401	L - 954	1/21/1982	8/23/1993	81	26.65062775	-81.9164761
USGS	263905081572801	L -1115	10/27/1980	10/25/1991	24	26.65173896	-81.9575883
USGS	263930081301501	HE - 559	10/27/1976	7/24/1995	202	26.65895867	-81.5036888
USGS	263930081301502	HE - 560	10/27/1976	7/24/1995	210	26.65895867	-81.5036888
USGS	263930081301503	HE - 569	10/27/1976	7/24/1995	209	26.65895867	-81.5036888
USGS	263943081351801	L - 706	5/28/1970	6/2/1986	137	26.66229236	-81.588135
USGS	263950081355401	L -2187	10/28/1977	2/12/2019	530	26.6639722	-81.5977778
USGS	263950081355402	L -1137	6/1/1976	10/24/2012	334	26.663959	-81.5977741
USGS	264018081524802	N FORT MYERS UTILITIES FLRD WM FL	10/15/1986	10/15/1986	1	26.6720156	-81.87980838
USGS	264050080435501	PB -1842S	8/5/2015	11/27/2018	7	26.68068333	-80.7319861
USGS	264050080435502	PB -1842I	8/5/2015	11/27/2018	7	26.68068333	-80.7319861
USGS	264050080435503	PB -1842D	8/5/2015	11/27/2018	7	26.68068333	-80.7319861
USGS	264101081443001	L - 652	4/25/1967	10/26/2012	393	26.68368119	-81.7406381
USGS	264144081520301	L -2190	10/28/1975	6/23/1992	202	26.6959034	-81.8673079
USGS	264144081520302	L -2191	10/28/1975	6/23/1992	202	26.6959034	-81.8673079
USGS	264156080475201	PB - 507	10/8/1975	9/2/1986	90	26.69923277	-80.7975609
USGS	264156080475202	PB - 508	10/8/1975	9/2/1986	90	26.69923277	-80.7975609
USGS	264157081262602	LUC-21R WELL NR LABELLE, FL replaces LUC-21	6/3/2009	2/28/2013	4	26.6995402	-81.4402984
USGS	264222080425401	PB -1821	8/11/2011	4/15/2013	11	26.70616667	-80.7149722
USGS	264222080425402	PB -1821S	10/25/2011	4/15/2013	10	26.70616667	-80.7149722
USGS	264235081310601	HE - 557	10/30/1975	1/29/2019	365	26.71006784	-81.5181333
USGS	264235081310602	HE - 558	10/27/1976	1/29/2019	359	26.7103456	-81.5175778
USGS	264235081375301	L - 707	10/28/1975	1/30/1978	28	26.7100684	-81.63119128
USGS	264308081405402	L -2530	10/31/1979	2/12/2019	425	26.71923493	-81.682859
USGS	264308081410001	L -1907	10/30/1975	8/1/1996	236	26.71951269	-81.6817479
USGS	264320081365701	L -1977	10/28/1975	2/12/2019	444	26.72229004	-81.6153576
USGS	264320081365702	L -1978	10/28/1975	7/22/1996	253	26.72229004	-81.6153576
USGS	264329081340401	L -2200	10/31/1975	2/12/2019	461	26.7253611	-81.56838889
USGS	264329081340402	L -2202	10/31/1975	2/12/2019	456	26.72534525	-81.5681343

Agency	Site Number	Station Name	Start Date	End Date	Count	Latitude	Longitude
USGS	264333081275201	LUC-20 WELL NR LABELLE, FL	4/15/1998	2/28/2013	6	26.72592814	-81.4641877
USGS	264353081281101	HE - 620	10/28/1983	9/26/1995	137	26.7314557	-81.4689655
USGS	264401081312501	LUC-30 WELL NR FT. DENAUD, FL	4/16/1998	2/28/2013	8	26.73387248	-81.5233
USGS	264401081313101	LUC-25 WELL NR FT. DENAUD, FL	4/16/1998	2/28/2013	7	26.73387249	-81.5249667
USGS	264401081313801	LUC-24 WELL NR FT. DENAUD, FL	4/16/1998	2/28/2013	7	26.73390027	-81.5271334
USGS	264413081132701	HE - 906	2/13/1979	6/19/1979	2	26.73728816	-81.2239601
USGS	264415080413901	PB - 518	10/8/1975	11/1/1976	9	26.7378417	-80.6939471
USGS	264415080413902	PB - 520	10/8/1975	11/1/1976	9	26.7378417	-80.6939471
USGS	264416081510501	L - 725	10/28/1975	5/27/1977	20	26.73812378	-81.85119618
USGS	264425081454001	L - 726	10/28/1975	7/22/1996	244	26.740901	-81.7606384
USGS	264427081362601	L - 2531	10/5/1982	2/12/2019	385	26.74305556	-81.6070833
USGS	264433081360601	L - 5708	5/16/1984	2/12/2019	311	26.74228915	-81.6023017
USGS	264501081141901	LUC-29 WELL NR CLEWISTON, FL	4/29/1998	2/27/2013	8	26.75067657	-81.2383771
USGS	264508081142902	LUC-28R WELL NR GOODNO, FL replaces LUC-28	6/2/2009	2/27/2013	3	26.7526765	-81.24109938
USGS	264517081513201	L - 2341	10/30/1978	2/14/2019	451	26.7553453	-81.856474
USGS	264520081285501	LUC-11 WELL NR LABELLE, FL	6/24/1998	2/28/2013	7	26.75578813	-81.4817713
USGS	264526081262101	HE - 368	10/27/1976	3/5/1984	84	26.7575657	-81.4389648
USGS	264527081261902	HE - 501	11/1/1978	9/4/1984	68	26.75784349	-81.4384092
USGS	264527081262102	HE - 500	10/28/1983	9/4/1984	9	26.75784349	-81.4384092
USGS	264535081130701	HE - 857	8/22/1977	7/24/1995	148	26.7620094	-81.2128487
USGS	264535081130702	HE - 905	2/13/1979	2/13/1979	1	26.76006505	-81.2184044
USGS	264542081303901	HE - 903	2/14/1979	9/17/1979	3	26.7620102	-81.510633
USGS	264601081213102	HE - 516	1/26/1977	7/25/1995	101	26.7670096	-81.37479669
USGS	264607081292901	LUC-10 WELL NR LABELLE, FL	6/24/1998	2/28/2013	10	26.76887098	-81.4912159
USGS	264608081454101	L - 2216	10/28/1975	2/12/2019	468	26.76951095	-81.7611938
USGS	264608081454102	L - 2217	10/28/1975	2/12/2019	470	26.76951095	-81.7611938
USGS	264608081454103	L - 2328	10/29/1981	2/12/2019	417	26.76951095	-81.7611938
USGS	264623081213601	HE - 517	2/8/1977	10/25/2018	377	26.77089836	-81.3742411
USGS	264755081460801	CH - 323	6/25/2001	2/12/2019	137	26.7986111	-81.76888889
USGS	264755081460802	CH - 324	6/25/2001	2/12/2019	137	26.7986111	-81.76888889
USGS	264836081443101	42S26E20 W1 113 FL	1/21/1969	1/21/1969	1	26.81034258	-81.7417488
USGS	264910081280101	GL - 319	2/20/1985	8/24/1994	113	26.81978559	-81.466743
USGS	264910081280102	GL - 320	2/20/1985	8/24/1994	115	26.81978559	-81.466743
USGS	264910081280103	GL - 321	2/20/1985	10/26/1993	105	26.81978559	-81.466743

Agency	Site Number	Station Name	Start Date	End Date	Count	Latitude	Longitude
USGS	264910081280104	GL - 322	11/6/1985	10/26/1993	87	26.81978559	-81.466743
USGS	264933081432401	W6 123 FL	1/22/1969	1/22/1969	1	26.8261752	-81.7231373
USGS	264938081325801	GL - 311	1/4/1979	4/25/1979	3	26.82756335	-81.54924468
USGS	264939081331501	42S28E18 GLS- WT IN PINES TEL SW SE	2/13/1979	2/13/1979	1	26.82784113	-81.553967
USGS	264941081321301	GL - 328	6/26/2000	1/29/2019	157	26.82805556	-81.5361111
USGS	265004081440201	W4 411 42S26E08 FL	1/22/1969	1/22/1969	1	26.834786	-81.733693
USGS	265009081433301	42S26E09 W5 134 FL	1/22/1969	1/22/1969	1	26.8361748	-81.7256373
USGS	265124081453701	TUCKERS CORNER DEEP WELL NEAR PUNTA GORDA FL	8/21/1968	9/8/1997	23	26.85700747	-81.7600824
USGS	265124081453702	TUCKERS CORNER SH WELL NEAR PUNTA GORDA FL	7/14/1969	7/14/1969	1	26.85700747	-81.7600824
USGS	265240080372102	PB - 529	10/8/1975	9/2/1986	94	26.878114	-80.6222784
USGS	265240080372103	PB - 560	10/8/1975	9/2/1986	95	26.878114	-80.6222784
USGS	265241080372301	PB - 527	10/8/1975	2/3/1984	72	26.87839177	-80.6228339
USGS	265241080372302	PB - 528	10/8/1975	2/3/1984	69	26.87839177	-80.6228339
USGS	265241080372303	PB - 559	10/8/1975	1/2/1979	16	26.87839177	-80.6228339
USGS	265428080364501	PB -1816	8/16/2011	11/6/2018	28	26.90775	-80.6125833
USGS	265428080364502	PB -1816S	10/26/2011	11/6/2018	27	26.90775	-80.6125833
USGS	265452081165401	65411601 41S30E12 CLEMONS PALMDALE	5/2/1977	9/20/2011	66	26.91478135	-81.2814609
USGS	265519080364901	PB -1815	8/15/2011	11/8/2018	31	26.9218611	-80.61363889
USGS	265519080364902	PB -1815S	10/26/2011	11/8/2018	30	26.9218611	-80.61363889
USGS	265839080365201	M -1369D	8/3/2015	5/10/2018	7	26.97758333	-80.6145
USGS	265839080365202	M -1369I	8/3/2015	5/10/2018	7	26.97758333	-80.6145
USGS	310653090215101	H0012 PIKE	9/1/1967	9/1/1967	1	31.11489993	-90.3642612
USGS	310654088265901	Q0044 GREENE	5/13/2008	5/13/2008	1	31.11518098	-88.4497385
USGS	310654088595901	L0030 PERRY	9/5/1994	9/5/1994	1	31.11518377	-88.9997718
USGS	310654089572201	G0048 WALTHALL	12/17/1982	12/17/1982	1	31.11517969	-89.956194
USGS	310655090170001	J0082 PIKE	1/1/1975	1/1/1975	1	31.11545565	-90.283426
USGS	310744090494501	N0090 AMITE	7/1/1973	7/1/1973	1	31.12906493	-90.8292687
USGS	311521090110001	C0092 WALTHALL	8/12/1987	8/12/1987	1	31.25600964	-90.1834236
USGS	311544088551001	F0006 PERRY	3/1/1972	3/1/1972	1	31.26240266	-88.9194898
USGS	311544090532701	B0005 AMITE	11/1/1960	11/1/1960	1	31.26239559	-90.8909361
USGS	311545089244501	E0143 LAMAR	5/1/1971	5/1/1971	1	31.26267614	-89.4125651
USGS	311545089430701	H0009 MARION	7/1/1969	7/1/1969	1	31.26267674	-89.7186871
USGS	311545089454501	G0039 MARION	10/1/1973	10/1/1973	1	31.26267689	-89.7625776
USGS	311545089483101	G0043 MARION	2/1/1974	2/1/1974	1	31.26267687	-89.8086902

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USGS	311545090131201	C0052 WALTHALL	4/1/1971	4/1/1971	1	31.26267604	-90.2200912
USGS	311545090224501	B0075 PIKE	5/1/1969	5/1/1969	1	31.2626759	-90.3792625
USGS	311545090414401	D0053 AMITE	10/1/1974	10/1/1974	1	31.2626747	-90.6956575
USGS	311546089310901	D0041 LAMAR	11/1/1961	11/1/1961	1	31.26295354	-89.519235
USGS	311546090222001	B0086 PIKE	8/1/1971	8/1/1971	1	31.26295368	-90.3723178
USGS	311547090195901	C0088 PIKE	11/30/1984	11/30/1984	1	31.26323146	-90.33315
USGS	311547090203301	C0018 PIKE	7/1/1967	7/1/1967	1	31.26323146	-90.3425948
USGS	311547090260401	B0024 PIKE	11/1/1966	11/1/1966	1	31.26323144	-90.4345419
USGS	311548088555001	F0004 PERRY	11/1/1960	11/1/1960	1	31.2635136	-88.9306018
USGS	311548089295301	D0110 LAMAR	6/30/1997	6/30/1997	1	31.26350899	-89.4981232
USGS	311549089315501	D0113 LAMAR	11/24/1995	11/24/1995	1	31.2637869	-89.5320133
USGS	311549090092001	A0112 WALTHALL	10/25/1984	10/25/1984	1	31.26378735	-90.155645
USGS	311550089300201	D0046 LAMAR	11/1/1964	11/1/1964	1	31.2640645	-89.5006232
USGS	311550089304801	D0092 LAMAR	9/1/1972	9/1/1972	1	31.26406459	-89.51340149
USGS	311550089450001	H0018 MARION	3/1/1970	3/1/1970	1	31.26406574	-89.7500772
USGS	311550090270901	A0069 PIKE	2/1/1969	2/1/1969	1	31.26406476	-90.4525979
USGS	311550090273601	A0049 PIKE	5/1/1968	5/1/1968	1	31.26406476	-90.4600981
USGS	311550090275001	A0082 PIKE	5/1/1970	5/1/1970	1	31.26406476	-90.4639871
USGS	311550090530001	B0033 AMITE	9/1/1968	9/1/1968	1	31.26406229	-90.8834361
USGS	311551089224201	E0067 LAMAR	11/1/1961	11/1/1961	1	31.26434294	-89.3783975
USGS	311551090325801	E0017 AMITE	9/1/1968	9/1/1968	1	31.2643422	-90.5495444
USGS	311552088565901	E0041 PERRY	7/10/1980	7/10/1980	1	31.2646245	-88.94977
USGS	311552089252701	E0080 LAMAR	1/1/1961	1/1/1961	1	31.26462046	-89.4242321
USGS	311552090083001	A0082 WALTHALL	4/1/1973	4/1/1973	1	31.2646207	-90.1417557
USGS	311552090243701	B0101 PIKE	8/1/1973	8/1/1973	1	31.2646203	-90.4103745
USGS	311552091135801	B0040 WILKINSON	4/30/1985	4/30/1985	1	31.2646151	-91.2328866
USGS	311553089110902	E0009 FORREST	1/1/1965	1/1/1965	1	31.26489985	-89.1858915
USGS	311553089403001	H0034 MARION	4/1/1975	4/1/1975	1	31.26489869	-89.6750743
USGS	311554088490001	E0017 GREENE	7/1/1966	7/1/1966	1	31.2651811	-88.8167039
USGS	311554089153801	D0099 FORREST	10/5/1979	10/5/1979	1	31.26517686	-89.2606163
USGS	311554089212701	E0118 LAMAR	8/1/1970	8/1/1970	1	31.26517635	-89.3575635
USGS	311554089464901	G0025 MARION	11/1/1971	11/1/1971	1	31.2651768	-89.7803559
USGS	311554090115901	A0022 WALTHALL	5/1/1967	5/1/1967	1	31.26517606	-90.1998129
USGS	311554090140001	A0094 WALTHALL	4/1/1975	4/1/1975	1	31.26517594	-90.2334249
USGS	311554090265001	A0081 PIKE	3/1/1970	3/1/1970	1	31.26517585	-90.44732

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USGS	311554090275401	A0004 PIKE	1/1/1968	1/1/1968	1	31.26517585	-90.4650983
USGS	311555089105901	E0045 FORREST	5/1/1972	5/1/1972	1	31.2654554	-89.1831137
USGS	311555089260301	E0086 LAMAR	4/1/1968	4/1/1968	1	31.2654537	-89.4342324
USGS	311555090541901	B0011 AMITE	12/1/1965	12/1/1965	1	31.265451	-90.9053806
USGS	311555090592101	A0018 PIKE	7/1/1964	7/1/1964	1	31.2654536	-90.4673206
USGS	311556088434301	F0007 GREENE	12/1/1972	12/1/1972	1	31.26573685	-88.7286419
USGS	311556089475301	G0014 MARION	2/1/1964	8/20/2003	5	31.2668434	-89.8000787
USGS	311556090092801	A0110 WALTHALL	4/1/1984	4/1/1984	1	31.26573175	-90.1578672
USGS	311557090312601	A0127 PIKE	4/1/1972	4/1/1972	1	31.266009	-90.5239885
USGS	311558090222001	B0047 PIKE	5/1/1961	5/1/1961	1	31.26628696	-90.3723178
USGS	311558090274701	A0009 PIKE	8/1/1961	8/1/1961	1	31.26628695	-90.4631538
USGS	311600088495801	E0021 GREENE	10/1/1974	10/1/1974	1	31.26684756	-88.8328163
USGS	311600088540001	F0009 PERRY	12/1/1960	12/1/1960	1	31.266847	-88.90004389
USGS	311600089403901	H0025 MARION	11/1/1970	11/1/1970	1	31.26684309	-89.6775744
USGS	311600089485001	G0033 MARION	2/1/1973	2/1/1973	1	31.2668434	-89.813968
USGS	311600090260701	B0079 PIKE	4/1/1964	4/1/1964	1	31.2668425	-90.4353752
USGS	311600090342801	E0037 AMITE	1/1/1971	1/1/1971	1	31.26684205	-90.5745447
USGS	311600090363001	E0029 AMITE	7/1/1968	7/1/1968	1	31.26684185	-90.608434
USGS	311601090063101	B0022 WALTHALL	11/1/1970	11/1/1970	1	31.26712078	-90.1086991
USGS	311602089150601	D0003 FORREST	1/1/1959	1/1/1959	1	31.26739905	-89.2517271
USGS	311602090551801	B0053 AMITE	5/16/2005	5/16/2005	1	31.2673953	-90.9217695
USGS	311602091125601	C0053 WILKINSON	10/17/2012	10/17/2012	1	31.2672222	-91.2155556
USGS	311603090040001	B0032 WALTHALL	11/1/1972	11/1/1972	1	31.26767646	-90.0667535
USGS	311603090054301	B0051 WALTHALL	6/30/1981	6/30/1981	1	31.26767637	-90.0953654
USGS	311603090104801	A0012 WALTHALL	3/1/1966	3/1/1966	1	31.26767608	-90.18009
USGS	311604090322001	A0005 PIKE	7/1/1961	7/1/1961	1	31.26795336	-90.5389887
USGS	311605089343001	C0082 LAMAR	11/1/1970	11/1/1970	1	31.26823143	-89.5750705
USGS	311605090221201	B0093 PIKE	2/1/1973	2/1/1973	1	31.26823137	-90.3700955
USGS	311606090524001	B0028 AMITE	10/1/1963	10/1/1963	1	31.2685067	-90.8778805
USGS	311606090543001	B0007 AMITE	8/1/1964	8/1/1964	1	31.2685065	-90.9084361
USGS	311606090543002	B0008 AMITE	10/1/1964	10/1/1964	1	31.2685065	-90.9084361
USGS	311607090301701	A0042 PIKE	9/1/1967	9/1/1967	1	31.26878688	-90.5048215
USGS	311608091111801	C0033 WILKINSON	7/13/1984	7/13/1984	1	31.26905985	-91.188441
USGS	311609090472501	C0054 AMITE	6/11/2008	6/11/2008	1	31.26916667	-90.7902778
USGS	311610090011101	E0049 MARION	8/6/2003	3/31/2004	2	31.26944444	-90.0197222

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USGS	311610090043601	B0025 WALTHALL	6/1/1971	6/1/1971	1	31.2696208	-90.0767538
USGS	311612090312401	A0063 PIKE	10/1/1968	10/1/1968	1	31.27017564	-90.5234329
USGS	311612090332901	E0038 AMITE	7/1/1971	7/1/1971	1	31.27017544	-90.5581556
USGS	311613089251901	E0059 LAMAR	11/1/1961	11/1/1961	1	31.2704536	-89.4220098
USGS	311613089480801	G0040 MARION	4/1/1974	4/1/1974	1	31.27045444	-89.802301
USGS	311615090022601	B0050 WALTHALL	9/15/1979	9/15/1979	1	31.2710098	-90.0406416
USGS	311615090213501	B0004 PIKE	2/1/1961	2/1/1961	1	31.2710091	-90.3598174
USGS	311615090241301	B0049 PIKE	4/1/1968	4/1/1968	1	31.2710091	-90.4037076
USGS	311615090275201	A0135 PIKE	8/1/1972	8/1/1972	1	31.2710091	-90.4645427
USGS	311615090311001	A0076 PIKE	8/1/1969	8/1/1969	1	31.27100899	-90.5195439
USGS	311615090515701	C0021 AMITE	10/1/1965	10/1/1965	1	31.27100678	-90.865936
USGS	311616089320301	D0040 LAMAR	11/1/1961	11/1/1961	1	31.2712867	-89.5342356
USGS	311616090043001	B0021 WALTHALL	9/1/1970	9/1/1970	1	31.27128747	-90.075087
USGS	311616090045001	B0020 WALTHALL	3/1/1970	3/1/1970	1	31.27128745	-90.0806428
USGS	311617089234501	E0132 LAMAR	2/1/1971	2/1/1971	1	31.2715648	-89.395898
USGS	311617089350301	C0067 LAMAR	5/1/1969	5/1/1969	1	31.2715647	-89.5842375
USGS	311617090313101	A0028 PIKE	10/1/1966	10/1/1966	1	31.2715645	-90.5253773
USGS	311617090324201	A0014 PIKE	10/1/1963	10/1/1963	1	31.27156439	-90.5450998
USGS	311618088592801	E0029 PERRY	11/18/1977	11/18/1977	1	31.27184607	-88.9911623
USGS	311619089245001	E0229 LAMAR	12/15/1992	1/29/1998	4	31.27225833	-89.4133889
USGS	311619090063101	B0038 WALTHALL	5/1/1974	5/1/1974	1	31.27212067	-90.1086991
USGS	311619090274701	A0149 PIKE	2/1/1973	2/1/1973	1	31.2721202	-90.4631537
USGS	311619090305201	A0072 PIKE	6/1/1969	6/1/1969	1	31.2721201	-90.5145439
USGS	311620089343400	C0057 LAMAR	2/1/1967	2/1/1967	1	31.27239798	-89.5761816
USGS	311620090175601	C0051 PIKE	6/1/1971	6/1/1971	1	31.27239797	-90.2989823
USGS	311621089553701	F0035 MARION	10/1/1980	10/1/1980	1	31.27267658	-89.927027
USGS	311621090513201	B0032 AMITE	6/1/1968	6/1/1968	1	31.27267348	-90.85899159
USGS	311622090291501	A0091 PIKE	9/1/1970	9/1/1970	1	31.2729535	-90.4875989
USGS	311622090481501	C0024 AMITE	1/1/1971	1/1/1971	1	31.27295166	-90.8042693
USGS	311623090334501	E0030 AMITE	7/1/1969	7/1/1969	1	31.2732309	-90.5626
USGS	311623090540401	B0023 AMITE	8/1/1967	8/1/1967	1	31.2732287	-90.9012139
USGS	311624090344601	E0100 AMITE	5/28/1984	5/28/1984	1	31.2735086	-90.5795447
USGS	311625089243001	E0128 LAMAR	11/1/1970	11/1/1970	1	31.2737869	-89.4083983
USGS	311625090093501	A0083 WALTHALL	5/1/1973	5/1/1973	1	31.2737871	-90.1598117
USGS	311627090260201	B0011 PIKE	11/1/1962	11/1/1962	1	31.27434239	-90.4339862

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USGS	311627090260202	B0012 PIKE	12/1/1962	12/1/1962	1	31.27434239	-90.4339862
USGS	311627090323301	A0087 PIKE	5/1/1970	5/1/1970	1	31.27434214	-90.5425998
USGS	311627090375701	E0025 AMITE	5/1/1968	5/1/1968	1	31.2743416	-90.632601
USGS	311628088381501	F0008 GREENE	8/1/1974	8/1/1974	1	31.27462377	-88.6375263
USGS	311629089172701	D0091 FORREST	7/1/1971	7/1/1971	1	31.27489857	-89.2908949
USGS	311629090280101	A0007 PIKE	7/1/1961	7/1/1961	1	31.27489794	-90.4670427
USGS	311629090403601	D0048 AMITE	10/1/1973	10/1/1973	1	31.2748969	-90.6767682
USGS	311631088350701	G0023 GREENE	11/17/2010	11/17/2010	1	31.27527778	-88.5852778
USGS	311631089123001	E0046 FORREST	5/1/1972	5/1/1972	1	31.27545475	-89.2083923
USGS	311631089305301	D0182 LAMAR	6/16/2009	6/16/2009	1	31.27527778	-89.5147222
USGS	311631090223801	B0148 PIKE	2/1/1990	2/1/1990	1	31.27545348	-90.3773179
USGS	311632090223801	B0141 PIKE	9/19/1989	9/19/1989	1	31.27573125	-90.3773179
USGS	311632090344501	E0059 AMITE	2/1/1974	2/1/1974	1	31.2757308	-90.5792669
USGS	311632091062001	D0040 WILKINSON	12/8/1983	12/8/1983	1	31.27572709	-91.1056611
USGS	311635091124502	C0029 WILKINSON	10/11/1982	10/11/1982	1	31.27655955	-91.2126083
USGS	311636089062301	D0003 PERRY	1/1/1962	1/1/1962	1	31.27684466	-89.1064445
USGS	311638089213001	E0198 LAMAR	6/1/1974	6/1/1974	1	31.27739815	-89.3583968
USGS	311638089305801	D0036 LAMAR	11/1/1961	11/1/1961	1	31.27739754	-89.5161793
USGS	311638090543501	B0017 AMITE	7/1/1966	7/1/1966	1	31.27739526	-90.909825
USGS	311640089205001	D0093 FORREST	3/1/1972	3/1/1972	1	31.27795374	-89.3472854
USGS	311640089373901	C0044 LAMAR	11/1/1961	11/1/1961	1	31.2779536	-89.6275725
USGS	311640089434501	H0028 MARION	3/1/1971	3/1/1971	1	31.27795413	-89.729243
USGS	311645088494001	E0022 GREENE	12/1/1974	12/1/1974	1	31.2793468	-88.82781639
USGS	311645090105001	A0088 WALTHALL	9/1/1973	9/1/1973	1	31.2793425	-90.1806455
USGS	311647089485901	G0010 MARION	2/1/1963	2/1/1963	1	31.2798986	-89.816468
USGS	311650089084001	D0007 PERRY	6/1/1968	6/1/1968	1	31.33406448	-89.1100563
USGS	311652089301501	D0008 LAMAR	11/1/1961	11/1/1961	1	31.28128625	-89.5042344
USGS	311653089214101	E0044 LAMAR	11/1/1961	11/1/1961	1	31.28156466	-89.3614525
USGS	311653089390801	C0046 LAMAR	11/1/1961	11/1/1961	1	31.28156476	-89.65229559
USGS	311656089505902	G0002 MARION	4/1/1964	4/1/1964	1	31.28239856	-89.8498024
USGS	311656091232701	A0010 WILKINSON	2/20/1982	2/20/1982	1	31.28239306	-91.3909474
USGS	311658088543601	F0028 PERRY	8/14/1991	8/14/1991	1	31.28295719	-88.9100451
USGS	311658089122501	E0012 FORREST	9/1/1966	9/1/1966	1	31.28295447	-89.2070034
USGS	311659090175201	C0048 PIKE	12/1/1969	12/1/1969	1	31.2832311	-90.297871
USGS	311659091021001	A0001 AMITE	9/1/1968	9/1/1968	1	31.28322754	-91.0362149

Agency	Site Number	Station Name	Start Date	End Date	Count	Latitude	Longitude
USGS	311700090300001	A0137 PIKE	7/1/1972	7/1/1972	1	31.28350894	-90.5000991
USGS	311701090325901	E0040 AMITE	7/1/1971	7/1/1971	1	31.2837864	-90.549822
USGS	311702090293601	A0024 PIKE	11/1/1965	11/1/1965	1	31.28406448	-90.4934323
USGS	311702090303501	A0206 PIKE	7/3/1999	7/3/1999	1	31.2840644	-90.5098215
USGS	311704089544201	F0041 MARION	6/11/1981	6/11/1981	1	31.2846207	-89.9117487
USGS	311704090085001	A0011 WALTHALL	6/1/1971	6/1/1971	1	31.28462027	-90.1473112
USGS	311706090303401	A0128 PIKE	2/1/1972	2/1/1972	1	31.2851755	-90.50954369
USGS	311706090312701	A0061 PIKE	10/1/1968	10/1/1968	1	31.28517544	-90.5242661
USGS	311708090372501	E0052 AMITE	4/1/1973	4/1/1973	1	31.28573043	-90.6237119
USGS	311708090513001	B0029 AMITE	5/1/1963	5/1/1963	1	31.28572888	-90.8584359
USGS	311711089362901	C0008 LAMAR	10/1/1961	10/1/1961	1	31.28656439	-89.6081272
USGS	311713089362101	C0060 LAMAR	5/1/1968	5/1/1968	1	31.2871199	-89.6059049
USGS	311713089362102	C0061 LAMAR	5/1/1968	5/1/1968	1	31.2871199	-89.6059049
USGS	311715089500701	G0057 MARION	3/7/1985	3/7/1985	1	31.28767619	-89.8353575
USGS	311715089532501	F0019 MARION	3/1/1975	3/1/1975	1	31.2876762	-89.8903592
USGS	311715089590001	E0028 MARION	7/1/1974	7/1/1974	1	31.2876762	-89.9834176
USGS	311716090141201	A0038 WALTHALL	10/1/1969	10/1/1969	1	31.28795326	-90.2367582
USGS	311716090161301	C0070 PIKE	7/1/1973	7/1/1973	1	31.2879532	-90.2703703
USGS	311720088533802	F0012 PERRY	7/1/1968	7/1/1968	1	31.28906807	-88.893933
USGS	311720089333201	C0100 LAMAR	2/1/1975	2/1/1975	1	31.28906407	-89.55895869
USGS	311723089160701	D0011 FORREST	10/1/1950	10/1/1950	1	31.2898981	-89.268672
USGS	311723089161001	D0012 FORREST	6/1/1955	6/1/1955	1	31.2898981	-89.2695054
USGS	311723089214801	E0091 LAMAR	10/1/1968	10/1/1968	1	31.2898977	-89.363397
USGS	311725091081701	D0044 WILKINSON	8/7/1985	8/7/1985	1	31.29044883	-91.1381619
USGS	311725091194501	B0042 WILKINSON	1/9/1987	1/9/1987	1	31.29044824	-91.3292786
USGS	311725091230001	A0014 WILKINSON	7/24/1984	7/24/1984	1	31.29044845	-91.3834471
USGS	311729090123401	A0019 WALTHALL	11/1/1966	11/1/1966	1	31.29156438	-90.2095352
USGS	311729090211601	B0035 PIKE	9/1/1967	9/1/1967	1	31.2915643	-90.3545393
USGS	311730089111201	E0031 FORREST	1/1/1970	1/1/1970	1	31.2918432	-89.186725
USGS	311732089113001	E0029 FORREST	10/1/1969	10/1/1969	1	31.2923987	-89.1917251
USGS	311732089242501	E0213 LAMAR	8/1/1985	8/1/1985	1	31.29268889	-89.40955
USGS	311732089590401	E0032 MARION	9/16/1981	9/16/1981	1	31.2923983	-89.9845287
USGS	311733090263301	B0158 PIKE	11/20/1995	11/20/1995	1	31.29267545	-90.4425974
USGS	311733091065101	D0049 WILKINSON	6/10/1988	6/10/1988	1	31.2926712	-91.1142724
USGS	311734089335301	C0066 LAMAR	12/1/1968	12/1/1968	1	31.29295288	-89.5647922

Agency	Site Number	Station Name	Start Date	End Date	Count	Latitude	Longitude
USGS	311735090275801	A0068 PIKE	1/1/1969	1/1/1969	1	31.293231	-90.46620919
USGS	311738089533701	F0020 MARION	11/21/1978	11/21/1978	1	31.2940649	-89.8936925
USGS	311738090064501	B0040 WALTHALL	5/1/1974	5/1/1974	1	31.2940646	-90.1125879
USGS	311740090085901	A0079 WALTHALL	3/1/1972	3/1/1972	1	31.29462005	-90.1498112
USGS	311740090142501	A0007 WALTHALL	9/1/1968	9/1/1968	1	31.29461979	-90.2403693
USGS	311742088490601	E0024 GREENE	12/20/1979	12/20/1979	1	31.2951792	-88.8183718
USGS	311742089083701	D0010 PERRY	8/1/1968	8/1/1968	1	31.29517686	-89.143668
USGS	311742089323101	D0027 LAMAR	11/1/1961	11/1/1961	1	31.2951749	-89.5420136
USGS	311743091065701	D0048 WILKINSON	5/16/1988	5/16/1988	1	31.29544894	-91.1159391
USGS	311744089493001	G0028 MARION	6/1/1972	6/1/1972	1	31.2957315	-89.82507929
USGS	311744090084201	A0066 WALTHALL	12/1/1971	12/1/1971	1	31.29573115	-90.1450888
USGS	311745091044701	A0014 AMITE	4/1/1971	4/1/1971	1	31.29600477	-91.079827
USGS	311746091113301	A0023 WILKINSON	4/27/2011	4/27/2011	1	31.2961111	-91.1925
USGS	311747089223701	E0043 LAMAR	11/1/1961	11/1/1961	1	31.29656408	-89.3770084
USGS	311748091252201	A0016 WILKINSON	8/19/1985	8/19/1985	1	31.29683738	-91.4228929
USGS	311749089433901	H0007 MARION	1/1/1963	1/1/1963	1	31.29712024	-89.7275761
USGS	311749090212101	B0138 PIKE	6/5/1986	6/5/1986	1	31.29711978	-90.3559282
USGS	311752088491001	E0046 GREENE	11/16/1987	11/16/1987	1	31.2979568	-88.819483
USGS	311752090270501	A0044 PIKE	1/1/1968	1/1/1968	1	31.29795316	-90.4514865
USGS	311753089251801	E0098 LAMAR	9/1/1968	9/1/1968	1	31.2982305	-89.421732
USGS	311755090090001	A0059 WALTHALL	4/1/1971	4/1/1971	1	31.2987866	-90.150089
USGS	311755090110301	A0062 WALTHALL	10/1/1971	10/1/1971	1	31.29878653	-90.1842566
USGS	311756088562901	F0026 PERRY	5/11/1991	5/11/1991	1	31.2990673	-88.9414369
USGS	311756089492101	G0012 MARION	2/1/1963	2/1/1963	1	31.29906477	-89.8225792
USGS	311759089224001	E0084 LAMAR	2/1/1968	2/1/1968	1	31.2998973	-89.3778418
USGS	311759090015201	E0033 MARION	8/4/1981	8/4/1981	1	31.29989806	-90.0311967
USGS	311759090172801	C0016 PIKE	7/1/1967	7/1/1967	1	31.29989746	-90.29120409
USGS	311760090205501	B0036 PIKE	9/1/1967	9/1/1967	1	31.28350889	-90.3487059
USGS	311800089024801	D0015 PERRY	7/1/1970	7/1/1970	1	31.3001776	-89.0467206
USGS	311800089032801	D0031 PERRY	8/1/1972	8/1/1972	1	31.3001775	-89.0578321
USGS	311800089190001	D0063 FORREST	2/1/1962	2/1/1962	1	31.3001753	-89.3167289
USGS	311800089210101	E0145 LAMAR	6/1/1971	6/1/1971	1	31.30017518	-89.35034099
USGS	311800089255001	E0136 LAMAR	4/1/1971	4/1/1971	1	31.30017485	-89.43062109
USGS	311800090172001	C0045 PIKE	10/1/1969	10/1/1969	1	31.30017523	-90.2889818
USGS	311800090271501	A0093 PIKE	7/1/1966	7/1/1966	1	31.30017535	-90.4542643

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USGS	311801090195501	C0059 PIKE	7/1/1972	7/1/1972	1	31.30045304	-90.3320386
USGS	311801090280701	A0025 PIKE	11/1/1965	11/1/1965	1	31.30045313	-90.4687092
USGS	311802089281301	D0083 LAMAR	2/1/1971	2/1/1971	1	31.3007302	-89.4703445
USGS	311802090100001	A0075 WALTHALL	4/1/1972	4/1/1972	1	31.30073099	-90.166756
USGS	311810090204501	B0084 PIKE	4/1/1971	4/1/1971	1	31.302953	-90.3459279
USGS	311848090035801	B0019 WALTHALL	1/1/1970	1/1/1970	1	31.31350876	-90.0661976
USGS	311920090231201	B0015 PIKE	2/1/1966	2/1/1966	1	31.32239717	-90.3867622
USGS	311920090334301	E0031 AMITE	12/1/1969	12/1/1969	1	31.32239699	-90.56204409
USGS	311920091271001	M0018 ADAMS	7/8/1985	7/8/1985	1	31.32239259	-91.452894
USGS	311921090293701	A0151 PIKE	4/1/1973	4/1/1973	1	31.32267507	-90.4937097
USGS	312002089225401	E0011 LAMAR	12/1/1966	12/1/1966	1	31.3340628	-89.3817307
USGS	312024089390001	C0079 LAMAR	8/1/1970	8/1/1970	1	31.34017416	-89.6500729
USGS	312045089240501	E0208 LAMAR	8/1/1975	8/1/1975	1	31.3460068	-89.4014534
USGS	312045089240801	E0157 LAMAR	6/1/1972	6/1/1972	1	31.34600679	-89.4022868
USGS	312046089240801	E0175 LAMAR	2/1/1973	2/1/1973	1	31.34628456	-89.4022868
USGS	312047091132901	C0008 WILKINSON	2/1/1972	2/1/1972	1	31.34655845	-91.2248309
USGS	312047091220001	J0032 ADAMS	8/13/1981	8/13/1981	1	31.34655858	-91.36678
USGS	312100088570002	B0011 PERRY	10/1/1963	10/1/1963	1	31.35017584	-88.95005
USGS	312100089020004	B0016 PERRY	10/1/1965	10/1/1965	1	31.35017559	-89.0333878
USGS	312100089101501	C0040 FORREST	1/1/1971	1/1/1971	1	31.3501744	-89.1708914
USGS	312100089120001	C0015 FORREST	12/1/1960	12/1/1960	1	31.35017415	-89.2000588
USGS	312100089120002	C0016 FORREST	11/1/1962	11/1/1962	1	31.35017415	-89.2000588
USGS	312100089362501	A0012 LAMAR	10/1/1961	10/1/1961	1	31.35017364	-89.6070158
USGS	312100090362001	O0029 LINCOLN	8/1/1972	8/1/1972	1	31.3501742	-90.6056556
USGS	312100091235601	J0049 ADAMS	5/29/1989	5/29/1989	1	31.3501697	-91.3990034
USGS	312101089103201	C0048 FORREST	11/1/1971	11/1/1971	1	31.3504521	-89.1756138
USGS	312101089540801	B0032 MARION	7/8/1980	7/8/1980	1	31.35045237	-89.9023035
USGS	312102089082201	A0014 PERRY	10/1/1966	10/1/1966	1	31.3507302	-89.13950169
USGS	312102089400401	D0008 MARION	12/1/1961	12/1/1961	1	31.3507295	-89.6678513
USGS	312103088440001	B0007 GREENE	3/1/1970	3/1/1970	1	31.3510088	-88.7333679
USGS	312103089122301	C0095 FORREST	3/20/2008	3/20/2008	1	31.35100739	-89.2064479
USGS	312106091150901	C0048 WILKINSON	5/3/2010	5/3/2010	1	31.35166667	-91.2525
USGS	312107088454301	A0017 GREENE	1/1/1964	1/1/1964	1	31.35212	-88.7619809
USGS	312108089225401	A0005 FORREST	8/1/1964	8/1/1964	1	31.3523955	-89.3817306
USGS	312108090205301	Q0054 LINCOLN	5/26/1986	5/26/1986	1	31.3523966	-90.3495387

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USGS	312108090210101	Q0056 LINCOLN	4/1/1990	4/1/1990	1	31.3523966	-90.350372
USGS	312108090241601	Q0004 LINCOLN	1/1/1967	1/1/1967	1	31.3523967	-90.4045403
USGS	312109090070201	N0007 LAWRENCE	12/1/1966	12/1/1966	1	31.35267444	-90.1173098
USGS	312110089271501	B0062 LAMAR	3/1/1974	3/1/1974	1	31.35295088	-89.4542327
USGS	312110089540001	B0018 MARION	9/1/1973	9/1/1973	1	31.3529523	-89.9000811
USGS	312110090043701	N0004 LAWRENCE	8/1/1966	8/1/1966	1	31.35295229	-90.0770309
USGS	312110090094201	M0009 LAWRENCE	11/1/1967	11/1/1967	1	31.3529521	-90.1617555
USGS	312114089161501	B0100 FORREST	10/29/1981	10/29/1981	1	31.3540624	-89.27089409
USGS	312114089221401	A0063 FORREST	11/20/1979	10/9/1997	2	31.35406216	-89.3706192
USGS	312114089223001	A0075 FORREST	1/4/1996	1/4/1996	1	31.35406215	-89.3750638
USGS	312115089161101	B0032 FORREST	1/1/1960	1/1/1960	1	31.35434018	-89.2697829
USGS	312115089192301	B0005 FORREST	9/1/1955	9/1/1955	1	31.35351389	-89.3293694
USGS	312115089192302	B0007 FORREST	8/1/1955	8/1/1955	1	31.35434005	-89.3231178
USGS	312115089193601	B0006 FORREST	9/1/1955	6/3/2010	118	31.35434004	-89.326729
USGS	312115089313001	B0053 LAMAR	2/1/1971	2/1/1971	1	31.35433975	-89.5250683
USGS	312115090322901	P0023 LINCOLN	1/1/1971	1/1/1971	1	31.35434114	-90.541488
USGS	312115090450001	P0012 FRANKLIN	10/1/1970	10/1/1970	1	31.35434017	-90.7501019
USGS	312115091242801	J0034 ADAMS	10/3/1982	10/3/1982	1	31.35433634	-91.4078926
USGS	312116089203401	B0131 FORREST	10/20/1996	10/20/1996	1	31.35461777	-89.3428406
USGS	312116089440001	D0034 MARION	4/1/1974	4/1/1974	1	31.35461864	-89.7334092
USGS	312116089444301	D0015 MARION	1/1/1970	1/1/1970	1	31.3546187	-89.7453541
USGS	312116090122001	M0005 LAWRENCE	5/1/1966	5/1/1966	1	31.35461868	-90.2056457
USGS	312117089010201	B0030 PERRY	3/1/1971	3/1/1971	1	31.35489774	-89.0172763
USGS	312117089082401	A0043 PERRY	8/1/1964	8/1/1964	1	31.3548967	-89.14005729
USGS	312118091200001	K0020 ADAMS	10/1/1982	10/1/1982	1	31.35516946	-91.3345567
USGS	312118091253001	J0048 ADAMS	6/6/1988	6/6/1988	1	31.3551697	-91.4251155
USGS	312119089550801	B0030 MARION	12/26/1979	12/26/1979	1	31.35545227	-89.91897059
USGS	312120088571501	B0065 PERRY	1/8/1980	10/3/1980	11	31.3557311	-88.954217
USGS	312120089182701	B0126 FORREST	7/14/1984	7/14/1984	1	31.3557289	-89.3075618
USGS	312120090343201	O0014 LINCOLN	4/1/1969	4/1/1969	1	31.35572985	-90.5756551
USGS	312120091024901	M0016 FRANKLIN	8/9/1987	8/9/1987	1	31.35572637	-91.0470482
USGS	312122089083801	A0044 PERRY	5/1/1971	5/1/1971	1	31.3546189	-89.1439463
USGS	312152089140701	C0067 FORREST	2/16/1981	2/16/1981	1	31.36461774	-89.2353375
USGS	312152089140702	C0068 FORREST	10/29/1981	10/29/1981	1	31.36461774	-89.2353375
USGS	312152089184801	B0069 FORREST	2/1/1969	2/1/1969	1	31.36461748	-89.3133953

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USGS	312152090464901	O0028 FRANKLIN	2/16/1981	2/16/1981	1	31.36461757	-90.7803796
USGS	312153088572101	B0038 PERRY	12/1/1971	12/1/1971	1	31.36489735	-88.955884
USGS	312153089361301	A0049 LAMAR	11/1/1961	11/1/1961	1	31.3648954	-89.6036822
USGS	312154088540101	C0025 PERRY	7/1/1964	7/1/1964	1	31.36517499	-88.90032459
USGS	312154088573601	B0027 PERRY	4/1/1970	4/1/1970	1	31.3651751	-88.960051
USGS	312154089013301	B0002 PERRY	5/1/1964	5/1/1964	1	31.365175	-89.0258878
USGS	312154089080601	A0029 PERRY	12/1/1969	12/1/1969	1	31.3651741	-89.1350572
USGS	312154090065701	N0040 LAWRENCE	1/25/1991	1/25/1991	1	31.36517417	-90.1159208
USGS	312154090463801	O0042 FRANKLIN	3/9/2009	3/9/2009	1	31.365	-90.7772222
USGS	312154091085001	L0029 FRANKLIN	7/22/1983	7/22/1983	1	31.3651699	-91.1473287
USGS	312155088333501	C0002 GREENE	1/1/1965	1/1/1965	1	31.36545069	-88.5597469
USGS	312155088565501	B0046 PERRY	11/1/1974	11/1/1974	1	31.36545286	-88.9486614
USGS	312155090355601	O0045 LINCOLN	7/2/1983	7/2/1983	1	31.36545185	-90.5989887
USGS	312155091053001	L0020 FRANKLIN	5/3/1982	5/3/1982	1	31.3654481	-91.0917716
USGS	312155091082501	L0028 FRANKLIN	7/21/1983	7/21/1983	1	31.3654477	-91.140384
USGS	312156088572501	B0050 PERRY	11/8/1977	11/8/1977	1	31.36573065	-88.9569953
USGS	312156090122101	M0018 LAWRENCE	2/1/1965	2/1/1965	1	31.36572956	-90.2059234
USGS	312156090295101	P0005 LINCOLN	12/1/1967	12/1/1967	1	31.36573006	-90.4975984
USGS	312204089583501	A0009 MARION	9/7/2007	9/7/2007	1	31.36795205	-89.9764723
USGS	312232088514701	C0003 PERRY	7/1/1963	7/1/1963	1	31.37572985	-88.8631
USGS	312248088495701	A0042 GREENE	7/1/1969	7/1/1969	1	31.38128496	-88.83282039
USGS	312248089181501	B0066 FORREST	3/1/1969	3/1/1969	1	31.38017249	-89.3042283
USGS	312430089342401	A0079 LAMAR	8/1/1970	8/1/1970	1	31.40850509	-89.5734032
USGS	312430089365701	A0078 LAMAR	8/1/1970	8/1/1970	1	31.4085053	-89.6159047
USGS	312430089430301	D0031 MARION	5/1/1972	5/1/1972	1	31.4085059	-89.717575
USGS	312430089461001	C0010 MARION	2/1/1970	2/1/1970	1	31.4085061	-89.7695211
USGS	312431089192201	B0044 FORREST	6/1/1966	6/1/1966	1	31.40878256	-89.3228399
USGS	312431089433701	D0029 MARION	12/1/1971	12/1/1971	1	31.4087837	-89.7270197
USGS	312431089531901	H0069 JEFFERSON DAVIS	4/1/1974	4/1/1974	1	31.40878418	-89.8886915
USGS	312437089424701	D0027 MARION	5/1/1972	5/1/1972	1	31.41045026	-89.7131303
USGS	312438088535801	C0032 PERRY	6/1/1961	6/1/1961	1	31.41072806	-88.8994925
USGS	312438088574601	B0092 PERRY	5/7/2007	5/7/2007	1	31.41055556	-88.9627778
USGS	312439091001701	M0019 FRANKLIN	9/9/1989	9/9/1989	1	31.41100365	-91.0048246
USGS	312452090111601	M0070 LAWRENCE	5/13/2008	5/13/2008	1	31.41444444	-90.1877778
USGS	312452091011601	M0018 FRANKLIN	9/19/1989	9/19/1989	1	31.41461458	-91.0212139

Agency	Site Number	Station Name	Start Date	End Date	Count	Latitude	Longitude
USGS	312453090111001	M0043 LAWRENCE	5/1/1978	11/20/1981	2	31.41438889	-90.1861694
USGS	312454088595501	B0052 PERRY	9/15/1978	9/15/1978	1	31.41517299	-88.9986659
USGS	312630089435001	K0025 JEFFERSON DAVIS	11/1/1971	11/1/1971	1	31.44183836	-89.7306307
USGS	312723089462801	J0034 JEFFERSON DAVIS	11/25/1977	11/25/1977	1	31.45656035	-89.7745209
USGS	312810088505801	V0017 WAYNE	8/1/1972	8/1/1972	1	31.46961308	-88.8494912
USGS	312835088342801	Y0030 WAYNE	7/1/1974	7/1/1974	1	31.47655539	-88.5744732
USGS	312835090353001	K0014 LINCOLN	7/1/1973	7/1/1973	1	31.47656167	-90.5917654
USGS	312835091130801	H0004 ADAMS	10/24/1980	10/24/1980	1	31.47655664	-91.2189974
USGS	312850091260001	F0016 ADAMS	3/1/1958	3/1/1958	1	31.4801675	-91.4317828
USGS	312851089021801	Q0108 JONES	3/1/1940	4/22/1963	74	31.4810032	-89.0383901
USGS	312856089535001	H0048 JEFFERSON DAVIS	4/1/1972	4/1/1972	1	31.4823934	-89.8973022
USGS	312904091080301	F0017 FRANKLIN	7/16/1987	7/16/1987	1	31.4846127	-91.1342726
USGS	312905090413001	K0029 FRANKLIN	4/1/1972	4/1/1972	1	31.48489464	-90.6917667
USGS	312906090585101	G0009 FRANKLIN	9/1/1967	9/1/1967	1	31.48516947	-90.9809352
USGS	312935089024601	P0029 JONES	6/1/1971	6/1/1971	1	31.49322488	-89.0461682
USGS	312935089203401	N0007 JONES	7/1/1963	7/1/1963	1	31.49322406	-89.3428402
USGS	312935089203402	N0008 JONES	1/1/1964	1/1/1964	1	31.49322406	-89.3428402
USGS	312935089260501	N0013 COVINGTON	5/1/1972	5/1/1972	1	31.49322424	-89.4347873
USGS	312945089255601	N0001 COVINGTON	1/1/1966	1/14/1998	5	31.4921222	-89.4295556
USGS	313000088283601	Z0050 WAYNE	10/1/1972	10/1/1972	1	31.50016499	-88.4766896
USGS	313000089524601	H0045 JEFFERSON DAVIS	10/1/1971	10/1/1971	1	31.50017067	-89.8795238
USGS	313000091252301	F0092 ADAMS	9/17/1981	4/18/1996	2	31.50016715	-91.4231715
USGS	313014089063801	P0038 JONES	8/18/1979	8/18/1979	1	31.50405747	-89.1106135
USGS	313014090533801	H0043 FRANKLIN	5/3/2006	5/3/2006	1	31.5040591	-90.8939902
USGS	313040090230501	M0023 LINCOLN	9/1/1974	9/1/1974	1	31.51128284	-90.3848162
USGS	313040091271101	F0114 ADAMS	12/10/1984	12/10/1984	1	31.5112781	-91.4531726
USGS	313041088294601	Z0011 WAYNE	2/1/1963	2/1/1963	1	31.51155364	-88.49613519
USGS	313041090470503	J0012 FRANKLIN	11/1/1964	11/1/1964	1	31.51156024	-90.784823
USGS	313042089283901	M0032 COVINGTON	8/1/1973	8/1/1973	1	31.5118349	-89.47756629
USGS	313100088422501	X0014 WAYNE	1/1/1968	1/1/1968	1	31.51683144	-88.7069834
USGS	313112089081401	P0045 JONES	6/17/1993	6/17/1993	1	31.5201679	-89.1372804
USGS	313112090361901	K0044 LINCOLN	7/1/1987	7/1/1987	1	31.52017184	-90.6053764
USGS	313136090581101	B0016 FRANKLIN	12/10/1984	12/10/1984	1	31.52683545	-90.969824
USGS	314139088573701	H0004 JONES	4/13/1984	9/10/1984	2	31.6943285	-88.9603297
USGS	314139090365001	B0019 LINCOLN	2/1/1970	2/1/1970	1	31.694333	-90.6139865

Agency	Site Number	Station Name	Start Date	End Date	Count	Latitude	Longitude
USGS	314140088362601	Q0031 WAYNE	3/1/1967	3/1/1967	1	31.69460464	-88.6072552
USGS	314140088370101	Q0032 WAYNE	4/1/1961	4/1/1961	1	31.69460467	-88.616978
USGS	314140088484401	M0006 WAYNE	6/1/1963	6/1/1963	1	31.6946054	-88.8122673
USGS	314140088485501	M0110 WAYNE	9/1/1972	9/1/1972	1	31.6946054	-88.815323
USGS	314140089500501	D0007 JEFFERSON DAVIS	6/1/1968	6/1/1968	1	31.69460977	-89.8347994
USGS	314141088372901	Q0092 WAYNE	10/1/1968	10/1/1968	1	31.69488246	-88.6247563
USGS	314141088405001	N0036 WAYNE	5/1/1966	5/1/1966	1	31.6948826	-88.6805933
USGS	314141088455201	M0012 WAYNE	1/1/1966	1/1/1966	1	31.6948829	-88.7644873
USGS	314141088455202	M0015 WAYNE	10/1/1962	10/1/1962	1	31.6948829	-88.7644873
USGS	314141089045301	G0046 JONES	12/1/1967	12/1/1967	1	31.6948842	-89.0814445
USGS	323045089110001	B0011 NEWTON	10/1/1968	10/1/1968	1	32.51263954	-89.1833934
USGS	323200088440001	B0006 LAUDERDALE	11/1/1960	11/1/1960	1	32.53347304	-88.7333799
USGS	323210088470001	B0049 LAUDERDALE	2/1/1974	2/1/1974	1	32.53625077	-88.7833816
USGS	323210090555501	H0011 ISSAQUENA	10/19/1978	10/19/1978	1	32.53625	-90.9320491
USGS	323211089494001	B0016 RANKIN	2/2/1979	2/2/1979	1	32.53652838	-89.8278563
USGS	323225090490801	B0026 WARREN	8/1/1972	8/1/1972	1	32.54041699	-90.8189913
USGS	323232090500201	B0039 WARREN	10/14/1980	10/14/1980	1	32.55902737	-90.8389915
USGS	323308088380201	C0050 LAUDERDALE	10/1/1974	10/1/1974	1	32.55236075	-88.6339318
USGS	323308088510701	A0067 LAUDERDALE	11/1/1971	11/1/1971	1	32.5523613	-88.851995
USGS	323308090180901	R0025 MADISON	2/29/1984	2/10/2014	2	32.5441	-90.3136861
USGS	323308090222101	Q0038 MADISON	7/15/1981	7/15/1981	1	32.55236214	-90.3725923
USGS	323309089223001	D0014 SCOTT	7/1/1965	7/1/1965	1	32.5526391	-89.3750658
USGS	323310088492001	A0058 LAUDERDALE	6/1/1965	6/1/1965	1	32.5529169	-88.8222718
USGS	323338090033901	T0027 MADISON	NA	NA	1	32.5606949	-90.0609182
USGS	323338090145001	R0007 MADISON	9/15/1959	9/15/1959	1	32.56069523	-90.2473112
USGS	323340090432001	A0022 WARREN	10/30/2000	10/30/2000	1	32.56124997	-90.7223224
USGS	323341089042301	C0001 NEWTON	7/1/1960	7/1/1960	1	32.5615274	-89.0731129
USGS	323345088471501	B0055 LAUDERDALE	1/1/1975	1/1/1975	1	32.56263894	-88.7875486
USGS	323345088533001	A0109 LAUDERDALE	5/17/2004	5/17/2004	1	32.5626387	-88.8917185
USGS	323345089163501	A0011 NEWTON	2/1/1968	2/1/1968	1	32.56263854	-89.2764522
USGS	323345090003501	U0020 MADISON	9/1/1963	9/1/1963	1	32.5626392	-90.009806
USGS	323350090104701	S0034 MADISON	2/29/2000	2/29/2000	1	32.56402837	-90.1798097
USGS	323350090423001	C0023 WARREN	1/1/1974	1/1/1974	1	32.5640277	-90.7084332
USGS	323352089203101	D0018 SCOTT	11/20/1979	12/1/1988	3	32.56280556	-89.3496
USGS	323352091030801	A0001 WARREN	11/1/1973	11/1/1973	1	32.56458209	-91.0523292

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USGS	323353089221101	D0006 SCOTT	5/1/1962	5/1/1962	1	32.56486106	-89.36978799
USGS	323353089333501	B0032 SCOTT	8/16/2005	8/16/2005	1	32.5647222	-89.5597222
USGS	323354088364701	C0042 LAUDERDALE	8/1/1973	8/1/1973	1	32.56513806	-88.6130978
USGS	323355088512001	A0028 LAUDERDALE	3/1/1968	3/1/1968	1	32.5654165	-88.8556063
USGS	323355089162101	A0017 NEWTON	2/1/1968	2/1/1968	1	32.56541625	-89.2725632
USGS	323355089393401	A0001 SCOTT	1/1/1954	1/1/1954	1	32.5654166	-89.6595184
USGS	323355090053501	T0053 MADISON	5/1/1966	5/1/1966	1	32.56541707	-90.0931411
USGS	323357088383501	C0057 LAUDERDALE	11/1/2000	11/1/2000	1	32.56597157	-88.6430989
USGS	323357089123701	B0029 NEWTON	4/1/1961	4/1/1961	1	32.5659717	-89.2103392
USGS	323357090340601	U0034 YAZOO	12/1/1974	12/1/1974	1	32.56597268	-90.5684304
USGS	323358088503501	A0061 LAUDERDALE	7/1/1971	7/1/1971	1	32.56624984	-88.8431059
USGS	323358088554901	D0019 NEWTON	11/1/1968	11/1/1968	1	32.56624967	-88.9303309
USGS	323359089220101	D0029 SCOTT	8/1/1974	8/1/1974	1	32.56652769	-89.3670102
USGS	323400088380201	C0038 LAUDERDALE	4/1/1972	4/1/1972	1	32.5668048	-88.6339319
USGS	323400088503601	A0066 LAUDERDALE	8/1/1971	8/1/1971	1	32.56680538	-88.8433837
USGS	323400088520001	A0017 LAUDERDALE	11/1/1963	11/1/1963	1	32.56680534	-88.8667178
USGS	323400089390001	A0021 SCOTT	10/1/1968	10/1/1968	1	32.5668055	-89.6500737
USGS	323400090222101	Q0039 MADISON	4/10/1984	4/10/1984	1	32.56680624	-90.3725923
USGS	323400090515001	H0008 ISSAQUENA	8/21/1978	8/21/1978	1	32.56680478	-90.86399189
USGS	323401089521001	A0071 LAUDERDALE	5/1/1973	5/1/1973	1	32.5670831	-88.8694956
USGS	323403088562601	D0020 NEWTON	9/1/1969	9/1/1969	1	32.5676385	-88.940609
USGS	323445089532201	O0042 MADISON	1/1/1973	1/1/1973	1	32.5793052	-89.889525
USGS	323615089165201	N0031 NESHOB	6/1/1972	6/1/1972	1	32.60430436	-89.2811749
USGS	323615089494701	P0008 MADISON	8/1/1973	8/1/1973	1	32.6043044	-89.82980149
USGS	323616089181901	N0007 NESHOB	9/1/1967	9/1/1967	1	32.6045822	-89.3053422
USGS	323632089182301	E0059 NESHOB	4/1/1972	4/1/1972	1	32.60902658	-89.3064534
USGS	323645089162101	N0022 NESHOB	12/1/1969	12/1/1969	1	32.61263748	-89.27256369
USGS	323650089193001	Q0018 LEAKE	4/1/1972	4/1/1972	1	32.61402655	-89.325065
USGS	323650089425501	N0003 LEAKE	8/1/1962	8/1/1962	1	32.6140263	-89.715354
USGS	323709089042501	P0019 NESHOB	9/1/1968	9/1/1968	1	32.61930386	-89.073669
USGS	323709091060301	E0028 ISSAQUENA	8/28/2006	8/28/2006	1	32.61930247	-91.1009411
USGS	323710088404601	S0002 KEMPER	1/1/1947	1/1/1947	1	32.61958148	-88.6794896
USGS	323716090592401	E0026 ISSAQUENA	2/14/2006	2/14/2006	1	32.6212469	-90.9901054
USGS	323718089400601	N0017 LEAKE	4/1/1970	4/1/1970	1	32.62180409	-89.6684082
USGS	323754089195601	Q0008 LEAKE	7/1/1968	7/1/1968	1	32.63180398	-89.3322876

Agency	Site Number	Station Name	Start Date	End Date	Count	Latitude	Longitude
USGS	323756090135901	L0015 MADISON	11/1/1973	11/1/1973	1	32.63236018	-90.233144
USGS	323758090341301	U0036 YAZOO	3/12/1977	3/12/1977	1	32.6329153	-90.5703742
USGS	323758090591501	E0034 ISSAQUENA	10/4/2011	10/4/2011	1	32.63277778	-90.9875
USGS	323758091061001	E0012 ISSAQUENA	9/11/1980	10/7/1983	4	32.6329131	-91.1028856
USGS	323800089242101	Q0021 LEAKE	3/1/1973	3/1/1973	1	32.6334709	-89.4059006
USGS	323824090492301	G0017 ISSAQUENA	10/17/1975	10/17/1975	1	32.64013569	-90.8231568
USGS	323833089162601	N0019 NESHOB	7/1/1969	7/1/1969	1	32.64263686	-89.2739529
USGS	323833090221801	W0039 YAZOO	10/1/1987	10/1/1987	1	32.6426378	-90.3717585
USGS	323833090293101	V0014 YAZOO	1/1/1971	1/1/1971	1	32.64263786	-90.4920393
USGS	323833090515001	F0004 ISSAQUENA	2/9/1939	9/1/1960	14	32.64263548	-90.8639911
USGS	323834090044001	M0051 MADISON	9/10/1992	4/2/2007	2	32.60138889	-90.0769444
USGS	323834091005401	E0019 ISSAQUENA	4/30/1986	4/30/1986	1	32.64291283	-91.0151058
USGS	323834091035401	E0031 ISSAQUENA	12/1/2006	12/1/2006	1	32.6429128	-91.0651069
USGS	323835089161901	N0025 NESHOB	2/1/1972	2/1/1972	1	32.6431924	-89.2720084
USGS	323835089204101	Q0028 LEAKE	11/1/1974	11/1/1974	1	32.64319268	-89.344788
USGS	323835089274801	P0023 LEAKE	7/1/1969	7/1/1969	1	32.64319315	-89.463402
USGS	323835090025501	M0027 MADISON	12/1/1968	12/1/1968	1	32.6431929	-90.0486959
USGS	323835090214901	W0013 YAZOO	8/1/1963	4/27/1995	4	32.64133333	-90.3674667
USGS	323835090281501	V0038 YAZOO	8/1/1975	8/1/1975	1	32.64319339	-90.4709277
USGS	323836088475701	R0012 KEMPER	9/1/1964	9/1/1964	1	32.64347007	-88.7992163
USGS	323836090012601	N0012 MADISON	1/31/1957	1/31/1957	1	32.6434706	-90.0239732
USGS	323836090022901	M0020 MADISON	1/23/1957	1/23/1957	1	32.64347066	-90.0414735
USGS	323836090492801	G0018 ISSAQUENA	2/10/1976	2/10/1976	1	32.6434689	-90.82454569
USGS	323836091035801	E0030 ISSAQUENA	12/1/2006	12/1/2006	1	32.64346835	-91.066218
USGS	323837089245401	Q0005 LEAKE	7/1/1968	7/1/1968	1	32.6437485	-89.4150675
USGS	323858090170801	W0051 YAZOO	6/28/2012	6/28/2012	1	32.64944444	-90.2855556
USGS	323859089314901	O0009 LEAKE	7/1/1966	7/1/1966	1	32.64985966	-89.5303484
USGS	323903090515901	F0044 ISSAQUENA	3/18/1997	3/18/1997	1	32.6509685	-90.866491
USGS	323903091044001	E0029 ISSAQUENA	8/30/2006	8/30/2006	1	32.65083333	-91.0777778
USGS	323922090520501	F0003 ISSAQUENA	2/1/1938	2/1/1938	1	32.6562461	-90.8681577
USGS	323949090263401	R0071 YAZOO	8/19/2011	8/19/2011	1	32.6636111	-90.4427778
USGS	323953090265301	R0070 YAZOO	8/10/2011	8/10/2011	1	32.6647222	-90.4480556
USGS	323953090270301	Q0012 YAZOO	3/1/1970	3/1/1970	1	32.66485955	-90.450927
USGS	324000090400001	P0013 YAZOO	2/1/1973	2/1/1973	1	32.6668024	-90.6667644
USGS	324009089082001	K0008 NESHOB	10/1/1966	10/1/1966	1	32.66930278	-89.1389492

Agency	Site Number	Station Name	Start Date	End Date	Count	Latitude	Longitude
USGS	324009090531801	J0064 SHARKEY	7/3/1992	7/3/1992	1	32.66930116	-90.8884359
USGS	324010088400001	N0014 KEMPER	1/1/1972	1/1/1972	1	32.66958008	-88.6667117
USGS	324010089092001	K0030 NESHOB	3/1/1971	3/1/1971	1	32.66958057	-89.1556164
USGS	324010089263701	L0043 LEAKE	2/1/1972	2/1/1972	1	32.6695814	-89.4436795
USGS	324010090014001	G0050 MADISON	2/1/1966	2/1/1966	1	32.6695811	-90.0278623
USGS	324011089335401	K0013 LEAKE	1/1/1970	1/1/1970	1	32.66985904	-89.5650719
USGS	324015089191101	M0066 LEAKE	4/1/1974	4/1/1974	1	32.67096979	-89.3197877
USGS	324015089461001	J0022 MADISON	1/7/1957	1/7/1957	1	32.67096914	-89.769523
USGS	324017088481701	M0008 KEMPER	11/1/1968	11/1/1968	1	32.67152488	-88.8047723
USGS	324017088503401	L0011 KEMPER	6/1/1969	6/1/1969	1	32.67152487	-88.842829
USGS	324026089204101	M0016 LEAKE	6/1/1969	6/1/1969	1	32.67402538	-89.3447883
USGS	324028090271501	Q0064 YAZOO	2/18/2011	2/18/2011	1	32.67444444	-90.4541667
USGS	324033090000301	G0056 MADISON	3/1/1974	3/1/1974	1	32.6759698	-90.0009173
USGS	324034088532601	L0003 KEMPER	5/1/1964	5/1/1964	1	32.67624695	-88.8906083
USGS	324034089335201	K0037 LEAKE	11/9/2004	11/9/2004	1	32.6761111	-89.5644444
USGS	324037089542301	H0023 MADISON	8/15/2007	8/15/2007	1	32.67708056	-89.9064707
USGS	324039088462801	R0036 KEMPER	12/10/2010	12/10/2010	1	32.6776358	-88.7744937
USGS	324048090171701	S0012 YAZOO	5/1/1970	5/1/1970	1	32.68013688	-90.2881451
USGS	324117088390101	N0013 KEMPER	4/1/1970	4/1/1970	1	32.6881906	-88.6503223
USGS	324117088540501	L0008 KEMPER	12/1/1968	12/1/1968	1	32.6881911	-88.9014421
USGS	324149089375701	J0002 LEAKE	5/1/1963	5/1/1963	1	32.69708023	-89.6325744
USGS	324200090240301	R0051 YAZOO	3/18/2004	3/18/2004	1	32.70013648	-90.4009256
USGS	324303088551101	M0019 NESHOB	6/1/1970	6/1/1970	1	32.7176348	-88.9197762
USGS	324303089211401	M0021 LEAKE	5/1/1969	5/1/1969	1	32.7176356	-89.3539555
USGS	324303089212701	M0018 LEAKE	7/1/1969	7/1/1969	1	32.71763564	-89.3575667
USGS	324305089101201	K0047 NESHOB	7/1/1975	7/1/1975	1	32.71819063	-89.1700618
USGS	324305089441001	J0025 MADISON	11/1/1969	11/1/1969	1	32.7181901	-89.7361894
USGS	324306089130901	J0018 NESHOB	11/1/1971	11/1/1971	1	32.71846848	-89.21923
USGS	324316090351001	P0004 YAZOO	3/1/1961	3/1/1961	1	32.7212461	-90.5862069
USGS	324332091015101	D0001 ISSAQUENA	7/1/1954	7/1/1954	1	32.72568786	-91.0309392
USGS	324342090554201	J0020 SHARKEY	4/1/1971	4/1/1971	1	32.7284657	-90.9284365
USGS	324459090004901	C0040 MADISON	8/9/1990	8/9/1990	1	32.74985694	-90.0136956
USGS	324459090005001	C0039 MADISON	8/6/1990	8/6/1990	1	32.74985694	-90.0139734
USGS	324622089065001	F0003 NESHOB	8/1/1919	8/1/1919	1	32.7729115	-89.1139496
USGS	324627089304801	G0029 LEAKE	4/1/1972	4/1/1972	1	32.77430164	-89.5134043

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USGS	324627090334901	J0026 YAZOO	4/16/1992	4/16/1992	1	32.77430055	-90.563706
USGS	324643089451401	E0007 MADISON	12/28/1956	12/28/1956	1	32.7787443	-89.7539684
USGS	324716090413901	J0021 YAZOO	4/17/1982	4/17/1982	1	32.78790964	-90.6942635
USGS	324717089385201	E0009 LEAKE	4/1/1970	4/1/1970	1	32.7881893	-89.64785369
USGS	324718090164101	S0001 YAZOO	7/1/1959	7/1/1959	1	32.78846765	-90.2781446
USGS	324719089121001	F0040 NESHOB	8/1/1962	8/1/1962	1	32.78874466	-89.2028415
USGS	324719089452201	E0008 MADISON	12/28/1956	12/28/1956	1	32.78874419	-89.7561908
USGS	324720089044001	G0044 NESHOB	1/1/1970	1/1/1970	1	32.78902217	-89.0778376
USGS	324720089121001	F0038 NESHOB	8/1/1962	8/1/1962	1	32.78902243	-89.2028415
USGS	324720090595001	C0037 ISSAQUENA	8/1/1981	8/1/1981	1	32.78901934	-90.997327
USGS	324721088461801	G0007 KEMPER	4/1/1968	4/1/1968	1	32.78929955	-88.7717166
USGS	324721088571101	H0023 NESHOB	10/1/1962	10/1/1962	1	32.7892997	-88.9531114
USGS	324743090514401	G0146 SHARKEY	9/23/2003	9/23/2003	1	32.79540844	-90.8623231
USGS	324745088593501	H0019 NESHOB	1/1/1970	9/6/1994	4	32.8001328	-88.994224
USGS	324745088594101	H0062 NESHOB	7/25/1997	7/25/1997	1	32.79553889	-88.9953917
USGS	324745089510501	D0026 MADISON	11/1/1959	11/1/1959	1	32.79596665	-89.8514705
USGS	324747090382801	J0004 YAZOO	3/1/1961	9/24/1986	17	32.7965212	-90.641207
USGS	324749090085601	N0014 YAZOO	11/7/1980	11/7/1980	1	32.79707844	-90.1489757
USGS	324749090553101	G0044 SHARKEY	2/10/1939	9/11/2002	40	32.79707488	-90.9253805
USGS	324750090530401	G0056 SHARKEY	4/19/1982	4/19/1982	1	32.79735277	-90.884546
USGS	324754089291801	G0030 LEAKE	2/1/1972	2/1/1972	1	32.79846786	-89.4884039
USGS	324755090091801	N0028 YAZOO	3/1/1972	3/1/1972	1	32.79874508	-90.15508689
USGS	324756089205501	H0006 LEAKE	11/1/1966	2/20/2008	12	32.7988111	-89.3481556
USGS	324756089205502	H0052 LEAKE	10/12/1981	4/7/2003	6	32.8011472	-89.3485444
USGS	324756089500601	D0035 MADISON	12/1/2000	12/1/2000	1	32.7990221	-89.8350813
USGS	324756089510201	D0006 MADISON	1/1/1954	1/1/1954	1	32.79902215	-89.8506371
USGS	324757089362601	F0002 LEAKE	1/1/1956	1/1/1956	1	32.7993005	-89.6072968
USGS	324757090224101	L0009 YAZOO	1/1/1966	1/1/1966	1	32.7993007	-90.3781467
USGS	324757090562801	G0017 SHARKEY	6/1/1963	6/1/1963	1	32.799297	-90.94121429
USGS	324759088593801	H0053 NESHOB	5/10/1977	4/17/2001	2	32.8003111	-88.9946083
USGS	324759090195801	M0030 YAZOO	11/1/1970	11/1/1970	1	32.79985626	-90.3328679
USGS	324759090296001	K0010 YAZOO	3/1/1961	9/9/1980	3	32.79985625	-90.5000937
USGS	324759090593201	C0002 ISSAQUENA	7/1/1954	7/1/1954	1	32.79985239	-90.9923269
USGS	324800088464001	G0017 KEMPER	9/1/1972	9/1/1972	1	32.8001326	-88.777828
USGS	324800089063501	G0049 NESHOB	10/1/1971	10/1/1971	1	32.80013308	-89.1097832

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USGS	324800090140001	N0029 YAZOO	7/1/1974	7/1/1974	1	32.800134	-90.2334215
USGS	324800090293001	K0031 YAZOO	1/26/1981	1/26/1981	1	32.800134	-90.4917602
USGS	324800090553001	G0062 SHARKEY	8/27/1985	8/27/1985	1	32.80013036	-90.9251027
USGS	324801090310201	K0048 YAZOO	11/1/1983	11/1/1983	1	32.80041157	-90.5173162
USGS	324802091063201	C0042 ISSAQUENA	4/8/1982	4/8/1982	1	32.79735234	-91.1067742
USGS	324803088374201	H0002 KEMPER	6/1/1955	6/1/1955	1	32.80096554	-88.62837769
USGS	324805090202601	M0029 YAZOO	10/1/1970	10/1/1970	1	32.80152289	-90.3406459
USGS	324806089474801	E0005 MADISON	1/1/1948	1/1/1948	1	32.8017997	-89.7967472
USGS	324806090323901	K0054 YAZOO	6/24/1992	6/24/1992	1	32.80180009	-90.544261
USGS	324806090553601	G0028 SHARKEY	3/16/1976	2/13/2014	6	32.80496389	-90.9253722
USGS	324806090554001	G0147 SHARKEY	7/29/2004	7/29/2004	1	32.80179697	-90.9278806
USGS	324806091061201	C0034 ISSAQUENA	10/15/1980	10/15/1980	1	32.80179666	-91.1034407
USGS	324807090553801	G0019 SHARKEY	7/1/1971	7/1/1971	1	32.80207475	-90.92732499
USGS	324808088594701	H0063 NESHOB	11/20/2002	11/20/2002	1	32.802355	-88.9964463
USGS	324809088572801	H0022 NESHOB	8/1/1963	8/1/1963	1	32.8026327	-88.9578339
USGS	324809089191201	H0017 LEAKE	2/1/1967	2/1/1967	1	32.80263366	-89.32006699
USGS	324809090064001	O0043 YAZOO	11/5/2012	11/5/2012	1	32.8025	-90.1111111
USGS	324810089090701	F0034 NESHOB	9/1/1970	9/1/1970	1	32.80291089	-89.1520068
USGS	324810090370001	J0018 YAZOO	3/12/1983	3/12/1983	1	32.80291026	-90.61676219
USGS	324812089291401	G0015 LEAKE	5/1/1963	5/1/1963	1	32.80346775	-89.4872928
USGS	324814089014501	G0010 NESHOB	2/1/1968	2/1/1968	1	32.80402169	-89.0292251
USGS	324815089201501	H0029 LEAKE	10/1/1961	10/1/1961	1	32.80430037	-89.33756739
USGS	324815090285601	K0022 YAZOO	12/15/1978	5/31/1979	6	32.80430057	-90.4823155
USGS	324856089143501	E0007 NESHOB	10/1/1970	10/1/1970	1	32.81568858	-89.243121
USGS	324915090021201	O0037 YAZOO	8/5/2004	8/5/2004	1	32.82096676	-90.0367517
USGS	325005090590801	C0041 ISSAQUENA	5/3/1982	5/3/1982	1	32.83485146	-90.9856599
USGS	325013089542501	A0015 MADISON	12/1/1954	12/1/1954	1	32.83707728	-89.9070273
USGS	325013090511701	E0028 SHARKEY	2/27/1990	2/27/1990	1	32.84540685	-90.9545479
USGS	325013091044101	C0031 ISSAQUENA	10/31/1979	10/31/1979	1	32.83707348	-91.0781623
USGS	325028089572801	A0006 MADISON	12/10/1956	12/10/1956	1	32.841244	-89.9578615
USGS	325030090250001	G0018 YAZOO	2/1/1939	2/1/1939	1	32.8417996	-90.4167583
USGS	325030090250002	G0019 YAZOO	2/1/1939	2/1/1939	1	32.8417996	-90.4167583
USGS	325043090103201	C0020 YAZOO	7/1/1967	7/1/1967	1	32.84541075	-90.17564279
USGS	325050089010601	C0006 NESHOB	10/1/1966	10/1/1966	1	32.8473539	-89.018392
USGS	325050090294001	F0052 YAZOO	5/8/1985	5/8/1985	1	32.84735496	-90.4945375

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USGS	325105089194001	D0025 LEAKE	11/1/1972	11/1/1972	1	32.8515215	-89.3278457
USGS	325105089295801	C0054 LEAKE	12/13/2005	12/13/2005	1	32.85152239	-89.4995159
USGS	325106089015502	C0007 NESHOB	12/1/1963	12/1/1963	1	32.8517983	-89.0320037
USGS	325118089361801	B0034 LEAKE	5/1/1970	5/1/1970	1	32.85513287	-89.6050752
USGS	325155090271001	F0034 YAZOO	1/19/1979	4/5/1994	65	32.86541007	-90.4525921
USGS	325157089194401	D0014 LEAKE	6/1/1972	6/1/1972	1	32.86596565	-89.328957
USGS	325201088494101	A0014 KEMPER	7/1/1964	7/1/1964	1	32.86707546	-88.82810789
USGS	325202089203801	D0030 LEAKE	9/27/2005	9/27/2005	1	32.8672222	-89.3438889
USGS	325202089203802	D0031 LEAKE	9/28/2005	9/28/2005	1	32.8672222	-89.3438889
USGS	325202089203803	D0032 LEAKE	9/28/2005	9/28/2005	1	32.8672222	-89.3438889
USGS	325222088583101	D0001 NESHOB	2/1/1961	2/1/1961	1	32.87290878	-88.9753354
USGS	325241089402701	A0014 LEAKE	4/1/1963	4/1/1963	1	32.87818768	-89.67424449
USGS	325257090230801	G0074 YAZOO	1/1/1960	5/9/1995	5	32.8806875	-90.3892575
USGS	325258090510101	F0032 SHARKEY	7/28/2005	7/28/2005	1	32.88277778	-90.8502778
USGS	325258090513901	F0031 SHARKEY	11/10/2005	11/10/2005	1	32.88277778	-90.8608333
USGS	325259088250301	E0010 KEMPER	1/1/1955	1/1/1955	1	32.88318558	-88.41753649
USGS	325259088272401	E0023 KEMPER	1/1/1955	1/1/1955	1	32.88318567	-88.4567046
USGS	325300089201401	D0022 LEAKE	3/1/1974	3/1/1974	1	32.8834653	-89.3372908
USGS	325300089321801	B0032 LEAKE	3/1/1970	3/1/1970	1	32.883466	-89.5384065
USGS	325301089230801	D0009 LEAKE	7/1/1968	7/1/1968	1	32.88374334	-89.3856251
USGS	325301090531901	E0010 SHARKEY	3/1/1961	3/1/1961	1	32.88373949	-90.8887125
USGS	325302089292101	C0061 LEAKE	5/13/2008	5/13/2008	1	32.88402167	-89.4892383
USGS	325302090040201	B0019 ISSAQUENA	9/1/1960	9/1/1960	1	32.8815167	-91.0562172
USGS	325302090483901	F0002 SHARKEY	1/1/1955	1/1/1955	1	32.88401765	-90.8109325
USGS	325303089320301	B0026 LEAKE	4/1/1969	4/1/1969	1	32.88429934	-89.5342397
USGS	325303089543701	P0017 ATTALA	12/1/1969	12/1/1969	1	32.8842987	-89.9103609
USGS	325303090112901	C0018 YAZOO	9/1/1962	9/1/1962	1	32.88429878	-90.1914764
USGS	325303090232701	G0038 YAZOO	7/1/1956	7/1/1956	1	32.88429854	-90.39092419
USGS	325322090565001	B0066 ISSAQUENA	3/15/2005	3/15/2005	1	32.88944444	-90.9472222
USGS	325324090091901	C0024 YAZOO	7/1/1974	7/1/1974	1	32.889325	-90.1565583
USGS	325324090095001	C0025 YAZOO	10/15/1981	10/15/1981	1	32.890132	-90.163976
USGS	325325090391701	E0007 YAZOO	1/1/1939	1/1/1939	1	32.8904077	-90.6548178
USGS	325333090555901	E0016 SHARKEY	9/1/1973	9/1/1973	1	32.89262794	-90.9331582
USGS	325335089335601	B0008 LEAKE	7/1/1960	7/1/1960	1	32.8931879	-89.5656298
USGS	325335090090901	C0030 YAZOO	7/5/1988	7/5/1988	1	32.8931875	-90.1525869

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USGS	325340090394201	E0023 YAZOO	3/25/1981	3/25/1981	1	32.8945742	-90.6617624
USGS	325404088510901	A0010 KEMPER	6/1/1962	6/1/1962	1	32.9012413	-88.8525535
USGS	325428089294401	C0038 LEAKE	6/1/1974	6/1/1974	1	32.9079101	-89.4956276
USGS	325429090113701	C0003 YAZOO	1/1/1947	1/1/1947	1	32.90818714	-90.1936986
USGS	325442090584901	B0065 ISSAQUENA	4/6/2004	4/6/2004	1	32.91179384	-90.9803818
USGS	325445089351001	B0051 LEAKE	2/1/1974	2/1/1974	1	32.9126319	-89.58618629
USGS	325445090294201	F0022 YAZOO	11/1/1970	11/1/1970	1	32.91263096	-90.4950924
USGS	325447088311801	D0007 KEMPER	11/1/1955	11/1/1955	1	32.91318519	-88.5217073
USGS	325450090341001	E0025 YAZOO	6/27/1984	6/27/1984	1	32.9140191	-90.5695383
USGS	325451090230201	G0101 YAZOO	4/5/1988	4/5/1988	1	32.91429779	-90.3839794
USGS	325457090584501	B0021 ISSAQUENA	8/1/1961	8/1/1961	1	32.9159604	-90.9792706
USGS	325458088294301	E0006 KEMPER	10/1/1959	10/1/1959	1	32.91624066	-88.4953174
USGS	325459090221601	G0053 YAZOO	5/1/1971	5/1/1971	1	32.91651998	-90.3712014
USGS	325514089302001	C0002 LEAKE	1/1/1954	1/1/1954	1	32.92068763	-89.505628
USGS	325515089401801	A0019 LEAKE	8/1/1970	8/1/1970	1	32.92096477	-89.6717449
USGS	325515090541001	E0048 SHARKEY	7/20/1977	7/20/1977	1	32.9562379	-90.855378
USGS	325522090194201	H0013 YAZOO	4/1/1971	4/1/1971	1	32.92290879	-90.3284229
USGS	325522090221701	G0025 YAZOO	7/1/1964	7/1/1964	1	32.9229087	-90.3714792
USGS	325522090294101	L0002 HUMPHREYS	3/1/1961	3/1/1961	1	32.92624167	-90.5028702
USGS	325522090351501	K0173 HUMPHREYS	12/15/2005	12/15/2005	1	32.92290759	-90.5875941
USGS	325523090474201	C0045 SHARKEY	2/1/1969	2/1/1969	1	32.9231835	-90.7950986
USGS	325525090223001	G0057 YAZOO	8/1/1950	8/1/1950	1	32.923742	-90.3750904
USGS	325528089301801	C0001 LEAKE	1/1/1956	1/1/1956	1	32.92457645	-89.5050725
USGS	325538089175801	A0012 NESHOB	10/1/1972	10/1/1972	1	32.927353	-89.299513
USGS	325546088455201	Q0020 NOXUBEE	8/29/1995	8/29/1995	1	32.92957387	-88.7644948
USGS	325547090263901	A0060 YAZOO	2/11/1992	2/11/1992	1	32.9298528	-90.44425809
USGS	325548090225001	A0030 YAZOO	9/8/1980	4/5/1994	21	32.92957518	-90.3798126
USGS	325628089302001	T0002 ATTALA	7/1/1962	7/1/1962	1	32.94124277	-89.5056283
USGS	325730090383501	K0042 HUMPHREYS	6/17/1988	6/17/1988	1	32.95846174	-90.6431505
USGS	325730090563501	A0084 ISSAQUENA	4/16/1988	4/16/1988	1	32.9584595	-90.9431583
USGS	325732088353701	S0002 NOXUBEE	8/1/1966	8/1/1966	1	32.95901759	-88.5936548
USGS	325736090001301	W0003 HOLMES	12/1/1961	12/1/1961	1	32.9601309	-90.003696
USGS	325736090394701	D0031 SHARKEY	4/16/2002	4/16/2002	1	32.96012819	-90.6631509
USGS	325737090510201	C0060 SHARKEY	11/20/1980	11/1/1989	3	32.95373794	-90.8598226
USGS	325738090211001	A0044 YAZOO	5/18/1984	5/18/1984	1	32.96068557	-90.3528676

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USGS	325811089034201	P0020 WINSTON	9/1/1974	9/1/1974	1	32.96985106	-89.0617287
USGS	331315089482801	F0012 HOLMES	8/1/1969	8/1/1969	1	33.22096033	-89.807861
USGS	333635090460501	T0131 BOLIVAR	4/1/1986	1/19/1994	2	33.6096472	-90.767875
USGS	333635091025501	N0041 BOLIVAR	11/1/1962	11/1/1962	1	33.60983486	-91.0487185
USGS	333637088511501	G0040 CLAY	11/1/1969	11/1/1969	1	33.6103973	-88.8542214
USGS	333637090311001	L0158 SUNFLOWER	4/30/2002	4/30/2002	1	33.6103944	-90.5195334
USGS	333722090222001	F0106 LEFLORE	4/3/1984	4/3/1984	1	33.6228952	-90.3723089
USGS	333722090254101	F0056 LEFLORE	5/7/1981	5/7/1981	1	33.62289484	-90.428143
USGS	333730090061301	A0058 CARROLL	3/18/1985	4/18/2006	11	33.62456289	-90.1045294
USGS	333730090252901	F0141 LEFLORE	8/1/2001	8/1/2001	1	33.62511704	-90.4248097
USGS	333742090250701	F0100 LEFLORE	4/1/1969	4/1/1969	1	33.62845036	-90.4186986
USGS	333742090303801	L0027 SUNFLOWER	4/1/1973	10/23/2018	87	33.62456085	-90.5178669
USGS	333742090312301	L0082 SUNFLOWER	10/6/1980	10/6/1980	1	33.62844964	-90.5231449
USGS	333742090460301	P0074 BOLIVAR	10/1/1972	10/1/1972	1	33.6284478	-90.7675964
USGS	333742090462401	P0145 BOLIVAR	4/5/1997	4/5/1997	1	33.62844778	-90.77343
USGS	333743088182501	B0032 LOWNDES	7/1/1969	7/1/1969	1	33.62872609	-88.3069808
USGS	333743088310301	J0135 CLAY	2/13/1985	8/27/1985	3	33.62872846	-88.5175433
USGS	333743088394701	H0065 CLAY	3/1/1969	3/1/1969	1	33.62872947	-88.6631036
USGS	333743089045201	K0004 WEBSTER	5/1/1968	11/10/1992	3	33.626975	-89.0806083
USGS	333743090104901	H0081 LEFLORE	6/13/1980	6/13/1980	1	33.63178486	-90.1878628
USGS	333743090113401	H0119 LEFLORE	6/18/1996	6/18/1996	1	33.62872935	-90.1928627
USGS	333743090234001	F0094 LEFLORE	3/25/1982	3/25/1982	1	33.62872829	-90.3945315
USGS	333743090244101	F0077 LEFLORE	9/1/1938	9/1/1938	1	33.62872818	-90.4114762
USGS	333744090201001	G0035 LEFLORE	2/3/1982	2/3/1982	1	33.62900646	-90.3361973
USGS	333751090472001	P0137 BOLIVAR	7/1/1985	7/1/1985	1	33.63094764	-90.7889862
USGS	333753090575701	O0502 BOLIVAR	4/10/1996	10/11/2018	46	33.63138889	-90.9658333
USGS	333755089480501	H0093 GRENADA	11/1/1973	11/1/1973	1	33.79872665	-89.8014751
USGS	333756090123301	H0077 LEFLORE	4/15/1976	4/15/1976	1	33.63234037	-90.2092517
USGS	333756090181001	G0041 LEFLORE	2/1/1984	2/1/1984	1	33.63233996	-90.3028636
USGS	333756090224101	F0170 LEFLORE	7/19/2005	7/19/2005	1	33.63233945	-90.3781425
USGS	333758090224001	F0130 LEFLORE	6/4/1997	6/4/1997	1	33.632895	-90.3778647
USGS	333800090013001	B0039 CARROLL	3/1/1975	3/1/1975	1	33.6334517	-90.025085
USGS	334252088564501	C0008 CLAY	1/1/1915	1/1/1915	1	33.71456216	-88.9458912
USGS	334252090245701	C0068 LEFLORE	4/11/1980	4/11/1980	1	33.71455996	-90.415922
USGS	334259090284301	H0036 SUNFLOWER	4/30/1977	4/30/1977	1	33.71650395	-90.4787009

Agency	Site Number	Station Name	Start Date	End Date	Count	Latitude	Longitude
USGS	334304090461601	L0045 BOLIVAR	3/1/1955	3/1/1955	1	33.71789118	-90.7712087
USGS	334305090372001	G0028 SUNFLOWER	7/1/1968	7/1/1968	1	33.7181698	-90.6223157
USGS	334307090563701	K0063 BOLIVAR	3/17/1981	3/17/1981	1	33.71872315	-90.94371549
USGS	334426090332601	F0079 SUNFLOWER	9/15/1984	9/15/1984	1	33.74066977	-90.5573143
USGS	334427089460601	H0036 GRENADA	4/1/1942	4/1/1942	1	33.74094997	-89.7684188
USGS	334427089460602	H0037 GRENADA	4/1/1942	4/1/1942	1	33.74094997	-89.7684188
USGS	334427089460603	H0051 GRENADA	1/1/1957	1/1/1957	1	33.74094997	-89.7684188
USGS	334427089461501	H0038 GRENADA	4/1/1942	4/1/1942	1	33.74094996	-89.7709188
USGS	334427089470601	H0044 GRENADA	9/1/1960	9/1/1960	1	33.7409499	-89.7850855
USGS	334427089485901	H0123 GRENADA	10/1/1962	10/1/1962	1	33.74094984	-89.8164745
USGS	334427090200601	B0080 LEFLORE	9/23/1994	9/23/1994	1	33.74119167	-90.3335528
USGS	334427090503101	L0172 BOLIVAR	4/2/1981	4/2/1981	1	33.74094589	-90.842045
USGS	334427090543501	K0086 BOLIVAR	4/13/1988	4/13/1988	1	33.74094534	-90.9098255
USGS	334428090405901	M0004 BOLIVAR	2/1/1954	10/12/1993	22	33.74039139	-90.6853732
USGS	334428090415901	M0147 BOLIVAR	5/18/1977	5/18/1977	1	33.74122465	-90.699818
USGS	334428090582601	J0137 BOLIVAR	9/10/2002	9/10/2002	1	33.7412226	-90.9739946
USGS	334429090102701	S0050 TALLAHATCHIE	4/19/1988	4/19/1988	1	33.741505	-90.1742529
USGS	334429090482401	L0188 BOLIVAR	5/10/1984	5/10/1984	1	33.7415017	-90.8067659
USGS	334430089481501	H0053 GRENADA	11/1/1963	5/17/1994	5	33.74178319	-89.8042523
USGS	334430090115701	S0043 TALLAHATCHIE	11/8/1980	11/8/1980	1	33.7417828	-90.1992528
USGS	334430090395801	M0170 BOLIVAR	2/19/1981	2/19/1981	1	33.7390026	-90.6667616
USGS	334430090451501	M0056 BOLIVAR	3/1/1970	3/1/1970	1	33.7417799	-90.7542639
USGS	334430090462501	L0142 BOLIVAR	6/1/1967	6/1/1967	1	33.74177977	-90.7737091
USGS	334430090471001	L0140 BOLIVAR	3/1/1967	3/1/1967	1	33.74177967	-90.78620959
USGS	334430090503501	L0099 BOLIVAR	3/1/1962	3/1/1962	1	33.7417792	-90.8431562
USGS	334430090522501	K0040 BOLIVAR	5/1/1939	5/1/1939	1	33.74177896	-90.873713
USGS	335220090150001	O0040 TALLAHATCHIE	3/1/1975	3/1/1975	1	33.87233704	-90.250088
USGS	335220090482601	G0137 BOLIVAR	3/2/1978	3/2/1978	1	33.87233334	-90.807323
USGS	335220090534001	F0070 BOLIVAR	1/1/1960	1/1/1960	1	33.87233235	-90.8945484
USGS	335220091011401	F0147 BOLIVAR	9/18/1980	4/13/1982	4	33.8723308	-91.020664
USGS	335221090170001	O0006 TALLAHATCHIE	9/1/1930	9/1/1930	1	33.8726146	-90.2834219
USGS	335222090461701	G0155 BOLIVAR	5/25/1982	5/25/1982	1	33.8728893	-90.7714884
USGS	335223090282801	D0017 SUNFLOWER	4/1/1975	4/1/1975	1	33.87316895	-90.4745367
USGS	335223090301801	D0019 SUNFLOWER	6/1/1917	6/1/1917	1	33.87316876	-90.5050928
USGS	335224089450201	B0033 GRENADA	5/29/1992	5/29/1992	1	33.87344766	-89.778698

Agency	Site Number	Station Name	Start Date	End Date	Count	Latitude	Longitude
USGS	335224090063301	Q0001 TALLAHATCHIE	10/1/1938	10/1/1938	1	33.873448	-90.1092547
USGS	335224090405601	H0115 BOLIVAR	4/17/1981	4/17/1981	1	33.87344549	-90.6823193
USGS	335224090422601	H0134 BOLIVAR	6/1/1988	6/1/1988	1	33.87344534	-90.7073199
USGS	335225090223901	N0054 TALLAHATCHIE	6/16/1987	6/16/1987	1	33.8737251	-90.3775904
USGS	335225090454501	H0504 BOLIVAR	10/10/1984	10/4/2018	65	33.8736111	-90.7625
USGS	335225090493001	G0061 BOLIVAR	8/1/1960	8/1/1960	1	33.873722	-90.8251014
USGS	335225090510001	G0054 BOLIVAR	4/1/1971	4/1/1971	1	33.8737217	-90.8501023
USGS	335225090553501	F0061 BOLIVAR	1/1/1975	1/1/1975	1	33.87372086	-90.926494
USGS	335226089103501	L0012 CALHOUN	4/28/2006	4/28/2006	1	33.87388889	-89.1763889
USGS	335226089235801	K0006 CALHOUN	6/1/1967	6/1/1967	1	33.87400297	-89.3995199
USGS	335226090562401	F0170 BOLIVAR	5/10/1985	5/10/1985	1	33.87399847	-90.9401056
USGS	335226091004201	F0162 BOLIVAR	4/1/1983	4/1/1983	1	33.864675	-90.9761778
USGS	335227089111201	L0004 CALHOUN	8/1/1971	8/18/1987	3	33.87647778	-89.1760972
USGS	335227090555201	F0169 BOLIVAR	5/11/1985	5/11/1985	1	33.87427635	-90.9312164
USGS	335228090293101	F0035 YAZOO	1/29/1979	1/29/1979	1	32.87457644	-90.4920372
USGS	335228090521801	F0001 BOLIVAR	11/1/1953	11/1/1953	1	33.8745548	-90.8717698
USGS	335230088374501	K0034 MONROE	11/1/1970	11/1/1970	1	33.8751134	-88.6292138
USGS	335230088381501	K0038 MONROE	5/1/1971	5/1/1971	1	33.87511349	-88.6375474
USGS	335230088432401	M0031 CHICKASAW	9/1/1969	9/1/1969	1	33.87511405	-88.7233834
USGS	335230089091401	L0006 CALHOUN	1/1/1951	3/7/2006	5	33.87511299	-89.1539554
USGS	335230090185901	O0057 TALLAHATCHIE	7/30/1981	7/30/1981	1	33.87511437	-90.3164781
USGS	335230090344901	C0031 SUNFLOWER	7/1/1969	7/1/1969	1	33.87511274	-90.5803724
USGS	335230090420001	H0086 BOLIVAR	3/1/1968	3/1/1968	1	33.875112	-90.7000975
USGS	335230090425501	H0061 BOLIVAR	8/1/1956	8/1/1956	1	33.87511194	-90.7153757
USGS	335230090440001	H0067 BOLIVAR	10/1/1911	10/1/1911	1	33.87511183	-90.7334317
USGS	335230090574001	F0111 BOLIVAR	8/1/1965	8/1/1965	1	33.8751093	-90.9612175
USGS	335230090575001	F0163 BOLIVAR	11/15/1983	11/15/1983	1	33.87510929	-90.9639953
USGS	335230090594601	B0049 ISSAQUENA	6/10/1984	6/10/1984	1	32.87735025	-90.997049
USGS	335810090445501	E0124 BOLIVAR	7/1/1971	7/1/1971	1	33.96955509	-90.748711
USGS	340544090341401	L0031 COAHOMA	9/1/1973	9/1/1973	1	34.09566574	-90.570653
USGS	340545089571701	B0015 TALLAHATCHIE	3/1/1962	3/1/1962	1	34.09594544	-89.9548119
USGS	340545090210901	K0067 QUITMAN	3/14/1985	3/14/1985	1	34.09594534	-90.352593
USGS	340548090221801	K0052 QUITMAN	7/2/1981	7/2/1981	1	34.0967785	-90.37176
USGS	340558088584301	L0038 PONTOTOC	10/1/1970	10/1/1970	1	34.0995526	-88.9786713
USGS	340603090373401	L0080 COAHOMA	6/12/2001	6/12/2001	1	34.1008333	-90.6261111

Agency	Site Number	Station Name	Start Date	End Date	Count	Latitude	Longitude
USGS	340610090290501	M0073 COAHOMA	9/15/1982	9/15/1982	1	34.10288864	-90.48481789
USGS	340621088405101	O0086 LEE	8/1/1969	8/1/1969	1	34.10594257	-88.6808838
USGS	340624088364901	O0115 LEE	10/16/1978	5/6/2004	23	34.11355278	-88.6137917
USGS	340633090181201	L0038 QUITMAN	2/10/1981	2/10/1981	1	34.10927894	-90.3034255
USGS	340635088374001	O0072 LEE	6/1/1961	6/1/1961	1	34.10983115	-88.6278268
USGS	340636090390701	L0041 COAHOMA	5/20/1976	5/20/1976	1	34.11010919	-90.652044
USGS	340638088363601	P0020 LEE	12/1/1965	12/1/1965	1	34.11066439	-88.6100486
USGS	340639088465201	N0010 LEE	8/1/1956	8/1/1956	1	34.1109426	-88.7811646
USGS	340640089002001	L0032 PONTOTOC	9/1/1969	9/1/1969	1	34.11121895	-89.0056168
USGS	340650090063501	A0030 TALLAHATCHIE	5/1/1986	5/1/1986	1	34.1140013	-90.1098128
USGS	340710088463001	N0063 LEE	9/1/1969	9/1/1969	1	34.1195536	-88.7750533
USGS	340710090230801	K0020 QUITMAN	12/1/1938	12/1/1938	1	34.1195559	-90.3856495
USGS	340711088431201	N0033 LEE	8/1/1960	8/1/1960	1	34.1198314	-88.7200517
USGS	340717088290101	N0025 ITAWAMBA	12/1/1971	12/1/1971	1	34.1214968	-88.4836566
USGS	340926089393501	C0088 YALOBUSHA	4/28/2010	4/28/2010	1	34.1572222	-89.6597222

GROUNDWATER QUALITY

Table A- 8. All groundwater quality stations in the Region of Hydrologic Influence. Source: (USGS, 2018; National Water Quality Monitoring Council, 2018).

Agency	Site Number	Station Name	Start Date	End Date	Count	Latitude	Longitude
USGS	263019081563901	L - 546	12/27/1976	12/27/1976	1	26.50563387	-81.9439778
USGS	263229081551001	L -1180	5/8/1973	5/8/1973	2	26.5417434	-81.9192547
USGS	263233081550301	L -1598	10/29/1975	2/19/2010	420	26.5425	-81.9169722
USGS	263236081571501	L -2399	12/9/1976	12/9/1976	1	26.54368787	-81.9539778
USGS	263242081571701	L - 962	9/3/1969	9/3/1969	1	26.54535447	-81.95453339
USGS	263242081572101	L -2244	12/15/1977	2/19/2010	584	26.54563223	-81.9548112
USGS	263246081531501	L -1124	10/31/1983	1/5/2000	153	26.54630556	-81.88713889
USGS	263257081585701	L -2642	5/18/1978	2/19/2010	639	26.54908333	-81.9824167
USGS	263257081585702	L -3205	5/26/1978	4/29/1999	169	26.54969444	-81.98238889
USGS	263259081551601	L -2115	6/30/1975	6/30/1975	1	26.5500764	-81.9209213
USGS	263301081552001	THE LANDINGS DEEP WELL AT FORT MYERS FL	8/27/1980	8/27/1980	1	26.55063194	-81.9220325
USGS	263307081555901	L -2435	10/26/1977	2/19/2010	413	26.56896454	-81.932866
USGS	263311081545601	L -3261	8/7/1979	8/7/1979	1	26.55340959	-81.9153656
USGS	263315081524201	L -1156	10/31/1983	8/21/1996	59	26.5547983	-81.8784201
USGS	263319081514601	L -2075	3/16/1975	3/16/1975	1	26.55563158	-81.8625864
USGS	263323081522401	L - 742	10/24/1984	1/27/2010	177	26.55757597	-81.87314219
USGS	263323081535301	L -1129	10/31/1983	7/25/1989	30	26.55674273	-81.8978651
USGS	263323081543701	L - 444	4/7/1946	4/7/1946	1	26.55674277	-81.9100877
USGS	263324081543801	L - 369	4/7/1946	4/7/1946	1	26.55702053	-81.9103654
USGS	263336081543401	L - 817	3/2/1973	3/2/1973	2	26.5603537	-81.9092543
USGS	263347081542801	L - 446	4/7/1946	4/7/1946	1	26.56340915	-81.9075875
USGS	263350081543901	L - 449	4/8/1946	4/8/1946	1	26.56424245	-81.9106432
USGS	263350081544001	L - 450	4/8/1946	4/8/1946	1	26.56424245	-81.910921
USGS	263357081575602	L -2703	8/31/1978	7/11/2000	337	26.56658333	-81.9655556
USGS	263357081575603	L -3213	9/21/1978	4/29/1999	180	26.56658333	-81.9655556
USGS	263359081541801	L - 234	6/17/1944	6/21/1944	2	26.56674233	-81.9048097
USGS	263404081575801	L -1118	2/10/1970	4/12/1984	51	26.56618697	-81.9653669
USGS	263412081560001	L -2290	2/7/1977	2/7/1977	1	26.57035337	-81.9331437
USGS	263438081560101	L -2283	1/31/1977	1/31/1977	1	26.57757529	-81.93342149

Agency	Site Number	Station Name	Start Date	End Date	Count	Latitude	Longitude
USGS	263438081563201	L -1117	4/24/1978	11/17/1999	70	26.57652778	-81.9439722
USGS	263439081555501	L -2413	1/31/1977	1/31/1977	1	26.57785306	-81.9317548
USGS	263440081515701	WELL 114 FT MEYERS FL	1/6/1944	1/6/1944	1	26.57813063	-81.8656419
USGS	263458081581501	L -2080	4/11/1975	4/11/1975	1	26.58313073	-81.9706447
USGS	263459081562201	L -2412	1/31/1977	1/31/1977	1	26.5834084	-81.9392549
USGS	263501081580501	L -2114	4/11/1975	4/11/1975	1	26.583964	-81.9678668
USGS	263504081562201	L -2397	12/8/1976	12/8/1976	1	26.58479723	-81.9392549
USGS	263514081170701	HE -1027	11/2/1987	7/25/1995	86	26.5867385	-81.2836844
USGS	263514081170702	HE -1028	11/2/1987	7/25/1995	86	26.5867385	-81.2836844
USGS	263514081170703	HE -1029	11/2/1987	7/25/1995	84	26.5867385	-81.2836844
USGS	263515081562301	L -2426	1/26/1977	1/26/1977	1	26.58785266	-81.9395327
USGS	263532081592201	L - 581	4/25/1978	1/22/2010	128	26.59255556	-81.9890556
USGS	263532081592202	L -1136	4/9/1974	5/3/2018	454	26.59255556	-81.9890556
USGS	263533081573401	L -2641	5/18/1978	7/11/2000	395	26.59305556	-81.9594167
USGS	263533081573402	L -3204	5/26/1978	4/29/1999	146	26.59305556	-81.9594167
USGS	263540081194201	HE - 194	5/7/1953	5/7/1953	1	26.5947939	-81.3281298
USGS	263540081194202	HE - 220	5/7/1953	5/7/1953	1	26.5947939	-81.3281298
USGS	263548081200601	HE - 852	10/31/1986	7/25/1995	100	26.59646053	-81.3339632
USGS	263606081552401	L -2405	1/28/1977	1/28/1977	1	26.60201869	-81.9231433
USGS	263608081582701	L -2660	8/23/1978	8/23/1978	1	26.60257438	-81.973978
USGS	263609081551501	L -2398	1/28/1977	1/28/1977	1	26.60285198	-81.9206432
USGS	263618081143001	HE - 853	2/23/1978	9/25/1995	110	26.6059043	-81.23923888
USGS	263618081552301	L -2409	1/28/1977	1/28/1977	1	26.60535188	-81.9228655
USGS	263621081563701	L -2702	9/1/1978	7/30/1998	111	26.6022965	-81.9375881
USGS	263621081563702	L -3212	9/22/1978	10/26/1993	181	26.60618525	-81.9434216
USGS	263627081562701	L - 702	10/28/1966	5/27/1981	171	26.60785183	-81.9406437
USGS	263719081524201	L -2277	4/13/1976	4/13/1976	1	26.62229547	-81.878142
USGS	263720081573101	L -1114	4/25/1978	11/17/1999	85	26.62266667	-81.9564722
USGS	263735081503001	WELL 177 FT MEYERS FLA	2/2/1944	2/2/1944	1	26.6267396	-81.8414743
USGS	263735081522701	L -1595	6/12/1975	6/12/1975	1	26.6267397	-81.8739752
USGS	263737081454101	L -1575	6/12/1972	10/5/1983	10	26.62729486	-81.7611944
USGS	263737081463301	L -1839	11/20/1973	1/13/1975	3	26.6272949	-81.7756392
USGS	263737081491101	L -2095	3/13/1976	3/13/1976	1	26.62729506	-81.8195293
USGS	263737081522602	L -2269	10/21/1976	10/21/1976	1	26.62729524	-81.8736974

Agency	Site Number	Station Name	Start Date	End Date	Count	Latitude	Longitude
USGS	263738081460401	L -1825	11/20/1973	1/13/1975	3	26.62757265	-81.7675835
USGS	263742081484401	L -2093	3/13/1976	3/13/1976	1	26.62868386	-81.812029
USGS	263743081453301	L -1576	6/14/1972	10/16/1974	8	26.62896144	-81.7589721
USGS	263748081582801	L -2226	8/24/1978	8/24/1978	1	26.630351	-81.9742555
USGS	263750081452501	L -1577	6/14/1972	10/5/1983	10	26.6309058	-81.7567498
USGS	263755081520701	WELL 66 FT MYERS FL	1/5/1944	1/5/1944	1	26.632295	-81.8684194
USGS	263757081463201	L -1829	11/20/1973	1/13/1975	4	26.6328502	-81.7753614
USGS	263757081505301	L - 233	6/13/1944	6/15/1944	2	26.63285047	-81.8478633
USGS	263757081505302	L - 233A	6/13/1944	6/13/1944	1	26.63285047	-81.8478633
USGS	263758081520401	WELL 68 FT MYERS FL	1/8/1944	1/8/1944	1	26.6331283	-81.867586
USGS	263759081521201	WELL 67 FT MYERS FL	1/5/1944	1/5/1944	1	26.63340608	-81.8698083
USGS	263800081490008	MR HEITMANS WELL NOT TRUE LOCATION FT MYERS MENGE BROS WELL NOT TRUE LOCATION, FT MYERS FLA	2/15/1908	2/15/1908	1	26.63368366	-81.8164736
USGS	263800081490009	WELL 61 FT MYERS FL WELL AT GAY LAUNDRY AT FT MYERS FL BRADFORD HOTEL WELL FT MYERS FLA	2/15/1908	2/15/1908	1	26.63368366	-81.8164736
USGS	263800081514201	WELL 61 FT MYERS FL WELL AT GAY LAUNDRY AT FT MYERS FL	1/15/1944	1/15/1944	1	26.6336838	-81.86147479
USGS	263800081520001	BRADFORD HOTEL WELL FT MYERS FLA	9/5/1923	9/5/1923	1	26.63368384	-81.8664749
USGS	263800081520002	L - 241	9/5/1923	9/5/1923	1	26.63368384	-81.8664749
USGS	263801081493401	WELL 45 FT MYERS FL	11/28/1944	11/29/1944	2	26.63396146	-81.8259183
USGS	263801081502801	L -1823	1/5/1944	1/5/1944	1	26.6339615	-81.84091869
USGS	263802081454601	L -1823	11/20/1973	1/14/1975	3	26.634239	-81.7625833
USGS	263802081493501	L - 246	2/11/1945	8/23/1994	99	26.63423923	-81.82619609
USGS	263803081480201	WELL 235 FT MEYERS FL	6/23/1944	11/16/1944	5	26.6345169	-81.800362
USGS	263804081460501	L -1827	11/20/1973	1/14/1975	4	26.63479455	-81.7678612
USGS	263805081453601	L -1831	11/20/1973	1/14/1975	3	26.63507229	-81.7598055
USGS	263808081511201	L - 232	6/10/1944	6/12/1944	6	26.6359059	-81.8531412
USGS	263808081511202	L - 232A	6/9/1944	6/9/1944	1	26.6359059	-81.8531412
USGS	263812081512801	WELL 80 FT MYERS FL	1/18/1944	1/18/1944	1	26.637017	-81.8575858
USGS	263812081514801	WELL 76 FT MYERS FL	1/6/1944	1/6/1944	1	26.637017	-81.86314148
USGS	263813081552801	L -2640	5/19/1978	5/2/2018	582	26.63590617	-81.9241153
USGS	263813081552802	L -3203	5/31/1978	4/29/1999	182	26.6372222	-81.9243056

Agency	Site Number	Station Name	Start Date	End Date	Count	Latitude	Longitude
USGS	263814081513301	WELL 79 FT MYERS FL	1/18/1944	1/18/1944	1	26.63757253	-81.8589747
USGS	263815081513601	WELL 227 FT MEYERS FL	5/18/1944	5/18/1944	1	26.6378503	-81.859808
USGS	263817081484301	L - 243	11/17/1944	11/17/1944	1	26.63840566	-81.8117512
USGS	263817081512301	WELL 42 FT MYERS FL	1/5/1944	1/5/1944	1	26.6384058	-81.8561968
USGS	263817081515001	WELL 143 FT MEYERS FL	1/18/1944	1/18/1944	1	26.63840585	-81.863697
USGS	263818081510001	WELL 41 FT MYERS FL	1/5/1944	1/5/1944	1	26.63868356	-81.84980779
USGS	263819081513601	WELL 82 FT MYERS FL	1/4/1944	1/4/1944	1	26.63896137	-81.859808
USGS	263819081514901	WELL 122 FT MEYERS FL	1/1/1944	1/1/1944	1	26.63896138	-81.8634193
USGS	263819081585801	L -2701	9/6/1978	5/4/2018	468	26.6389618	-81.982589
USGS	263819081585802	L -3211	10/24/1978	10/26/1993	182	26.6389618	-81.982589
USGS	263823081512301	WELL 38 FT MYERS FL	1/6/1944	1/6/1944	1	26.6400724	-81.8561968
USGS	263823081512401	WELL 87 FT MEYERS FL	1/6/1944	1/6/1944	1	26.6400724	-81.8564746
USGS	263823081513701	L - 428	1/1/1937	3/20/1946	3	26.64007243	-81.8600858
USGS	263824081431601	L - 414	4/11/1974	1/31/1978	28	26.6403496	-81.7209157
USGS	263824081514801	WELL 145 FT MEYERS FL	1/4/1944	1/4/1944	1	26.6403502	-81.8631415
USGS	263827081493501	L - 240	11/24/1944	11/24/1944	1	26.64118337	-81.826196
USGS	263827081511801	WELL 21 FT MYERS FL	1/19/1944	1/19/1944	1	26.64118348	-81.8548079
USGS	263830081460401	L -1833	11/20/1973	1/22/1975	4	26.64201646	-81.7675834
USGS	263830081463201	L -1835	11/20/1973	5/16/1974	3	26.64201649	-81.77536139
USGS	263830081513701	WELL 125 FT MEYERS FL	1/6/1944	1/6/1944	1	26.64201679	-81.8600858
USGS	263831081453801	L -1837	11/20/1973	1/22/1975	4	26.6422942	-81.76036099
USGS	263831081514501	WELL 379 FT MEYERS FL	12/20/1944	2/22/1945	2	26.64229457	-81.8623081
USGS	263838081514901	WELL 378 FT MEYERS FL	12/20/1944	2/22/1945	2	26.64423893	-81.8634192
USGS	263839081203901	HE -1077	1/29/1988	4/13/2010	103	26.64534757	-81.3439632
USGS	263839081521301	ARTESIAN WELL 162A FT MYERS FL	1/19/1944	1/19/1944	1	26.6445167	-81.870086
USGS	263840081203901	HE -1076	1/29/1988	4/13/2010	101	26.64534757	-81.3439632
USGS	263844081515301	WELL 377 FT MEYERS FL	12/20/1944	2/22/1945	2	26.64590553	-81.8645304
USGS	263849081430101	L - 425	3/23/1946	3/6/1973	3	26.64729375	-81.71674889
USGS	263850081365401	L - 727	7/24/1968	2/19/2010	93	26.663959	-81.5978574
USGS	263852081514802	L -5707	5/26/1983	4/26/1989	71	26.64812766	-81.8631414
USGS	263855081424701	L - 418	3/21/1946	3/21/1946	1	26.6489603	-81.7128599
USGS	263903081550401	L - 954	1/21/1982	8/23/1993	82	26.65062775	-81.9164761
USGS	263905081572801	L -1115	4/25/1978	10/25/1991	29	26.65173896	-81.9575883
USGS	263907081552401	L -4819	2/8/1980	2/8/1980	1	26.65229437	-81.923143

Agency	Site Number	Station Name	Start Date	End Date	Count	Latitude	Longitude
USGS	263917081503901	ARTESIAN WELL 13A FT MYERS FL	1/19/1944	1/19/1944	1	26.65507173	-81.8439742
USGS	263918081504701	WELL 11 FT MYERS FL	1/6/1944	1/6/1944	1	26.6553495	-81.8461965
USGS	263930081301501	HE - 559	12/8/1975	7/24/1995	204	26.65895867	-81.5036888
USGS	263930081301502	HE - 560	6/14/1976	7/24/1995	211	26.65895867	-81.5036888
USGS	263930081301503	HE - 569	12/8/1975	7/24/1995	211	26.65895867	-81.5036888
USGS	263931081335801	L -2458	8/10/1977	10/10/1977	2	26.65895903	-81.5659123
USGS	263931081354701	L -2460	8/10/1977	8/10/1977	1	26.6589592	-81.5961908
USGS	263943081351801	L - 706	5/1/1969	6/2/1986	141	26.66229236	-81.588135
USGS	263943081361801	L -2459	8/10/1977	8/10/1977	1	26.66229245	-81.604802
USGS	263950081355401	L -2187	1/4/1977	2/19/2010	353	26.6639722	-81.5977778
USGS	263950081355402	L -1137	4/11/1974	2/22/2010	230	26.663959	-81.5977741
USGS	263953081490101	L - 431	3/23/1946	3/23/1946	1	26.6650712	-81.8167512
USGS	264002081554901	L - 830	10/24/1967	10/24/1967	1	26.66757153	-81.9300875
USGS	264002081555201	L - 834	10/24/1967	10/24/1967	1	26.66757154	-81.9309208
USGS	264005081555001	L - 835	10/24/1968	10/24/1968	1	26.66840483	-81.9303653
USGS	264005081555101	L - 832	10/24/1967	10/24/1967	1	26.66840484	-81.930643
USGS	264007081555101	L - 833	10/24/1967	10/24/1967	1	26.66896037	-81.930643
USGS	264015081525801	L - 375	3/23/1946	3/23/1946	1	26.6711823	-81.8825862
USGS	264023081371501	L -2240	7/2/1976	7/2/1976	1	26.6734032	-81.6206357
USGS	264025081492301	L - 460	4/9/1946	4/9/1946	1	26.67395973	-81.8228625
USGS	264027081382001	L -2243	7/1/1976	7/1/1976	1	26.67451436	-81.63869159
USGS	264040081364901	L -2241	10/28/1975	6/30/1976	2	26.67812518	-81.6134133
USGS	264040081371101	L -2069	7/1/1976	7/1/1976	1	26.6781252	-81.6195245
USGS	264046081370601	L -2242	10/28/1975	7/2/1976	2	26.6797918	-81.6181356
USGS	264050080435501	PB -1842S	8/5/2015	11/27/2018	6	26.68068333	-80.7319861
USGS	264050080435502	PB -1842I	8/5/2015	11/27/2018	6	26.68068333	-80.7319861
USGS	264050080435503	PB -1842D	8/5/2015	11/27/2018	6	26.68068333	-80.7319861
USGS	264052081380801	L -2239	10/28/1975	7/1/1976	2	26.6814585	-81.6353582
USGS	264101081443001	L - 652	4/25/1967	1/19/2010	356	26.68368119	-81.7406381
USGS	264103081372301	L -2068	7/2/1976	7/2/1976	1	26.68451386	-81.6228579
USGS	264109081382001	L -2067	10/28/1975	6/30/1976	2	26.68618054	-81.6386915
USGS	264120081472501	L -2418	1/14/1977	1/14/1977	1	26.6892367	-81.7900838
USGS	264132081473701	L -2420	1/13/1977	1/13/1977	1	26.6925699	-81.79341718
USGS	264133081474301	L -2419	1/13/1977	1/13/1977	1	26.6928477	-81.79508389

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USGS	264144081520301	L -2190	10/28/1975	6/23/1992	205	26.6959034	-81.8673079
USGS	264144081520302	L -2191	10/28/1975	6/23/1992	203	26.6959034	-81.8673079
USGS	264150081500201	L -2351	10/7/1976	10/7/1976	1	26.69756988	-81.833696
USGS	264152080483401	PB - 843	12/19/1974	11/16/1984	3	26.69812175	-80.8092279
USGS	264156080475201	PB - 507	8/6/1964	9/2/1986	92	26.69923277	-80.7975609
USGS	264156080475202	PB - 508	8/6/1964	9/2/1986	91	26.69923277	-80.7975609
		LUC-21R WELL NR					
USGS	264157081262602	LABELLE, FL replaces	6/3/2009	6/3/2009	1	26.6995402	-81.4402984
		LUC-21					
USGS	264222080425401	PB -1821	8/11/2011	4/15/2013	11	26.70616667	-80.7149722
USGS	264222080425402	PB -1821S	10/25/2011	4/15/2013	10	26.70616667	-80.7149722
USGS	264227081315301	HE - 111	5/1/1953	5/1/1953	1	26.70784577	-81.5311892
USGS	264227081322301	HE - 114	5/1/1953	5/1/1953	1	26.7078458	-81.53952269
USGS	264230080425001	PB -1425	4/18/1933	4/18/1933	1	26.70867637	-80.7136699
USGS	264235081310601	HE - 557	10/27/1976	3/29/2010	237	26.71006784	-81.5181333
USGS	264235081310602	HE - 558	10/27/1976	3/29/2010	161	26.7103456	-81.5175778
USGS	264235081375301	L - 707	4/10/1974	1/30/1978	29	26.7100684	-81.63119128
USGS	264237081333501	HE - 112	5/1/1953	5/1/1953	1	26.71062358	-81.5595231
USGS	264250081520302	L -1942	11/10/1975	11/10/1975	1	26.71423598	-81.8673078
USGS	264251081520401	L -1936	11/10/1975	11/10/1975	1	26.71451375	-81.8675856
USGS	264253081365401	L - 576	4/10/1974	4/10/1974	1	26.7150681	-81.614802
USGS	264253081405201	L -1903	2/21/1979	2/21/1979	1	26.71506843	-81.6809145
USGS	264253081405701	L -2586	2/21/1979	2/21/1979	1	26.71506843	-81.6823035
USGS	264300081414501	L -2593	2/26/1980	2/26/1980	1	26.71701286	-81.695637
USGS	264302081403901	L -2594	2/28/1979	2/28/1979	1	26.7175683	-81.6773033
USGS	264304081404101	L -4825	2/26/1980	2/26/1980	1	26.71812384	-81.6778589
USGS	264308081405401	L -1908	6/9/1976	5/30/1980	3	26.7192349	-81.68147009
USGS	264308081405402	L -2530	6/8/1978	2/19/2010	393	26.71923493	-81.682859
USGS	264308081410001	L -1907	10/30/1975	8/1/1996	238	26.71951269	-81.6817479
USGS	264309081405201	L -3225	1/8/1980	7/6/1982	70	26.71951268	-81.6809145
USGS	264309081405701	L -3224	9/25/1979	2/11/1982	16	26.71951269	-81.6823034
		43S36E22 1.25\ WELL ON					
USGS	264310080431501	TERRY ISLAND LK	12/13/1963	12/13/1963	1	26.7197871	-80.7206145
		OKEE"					
USGS	264313081411701	L -1931	2/26/1980	2/26/1980	1	26.72062378	-81.6878591
USGS	264315081412801	L -2591	2/26/1980	2/26/1980	1	26.72117933	-81.6909147

Agency	Site Number	Station Name	Start Date	End Date	Count	Latitude	Longitude
USGS	264320081365701	L -1977	10/28/1975	2/19/2010	388	26.72229004	-81.6153576
USGS	264320081365702	L -1978	11/14/1974	7/22/1996	256	26.72229004	-81.6153576
USGS	264329081340401	L -2200	10/31/1975	2/19/2010	407	26.7253611	-81.56838889
USGS	264329081340402	L -2202	10/31/1975	2/22/2010	398	26.72534525	-81.5681343
USGS	264333081275201	LUC-20 WELL NR LABELLE, FL	3/23/1998	3/15/2006	5	26.72592814	-81.4641877
USGS	264336081312501	HE - 275	5/1/1953	5/1/1953	1	26.72701164	-81.5234112
USGS	264349081313701	HE - 77	5/1/1953	5/1/1953	1	26.7306226	-81.5267445
USGS	264353081281101	HE - 620	10/28/1983	9/26/1995	137	26.7314557	-81.4689655
USGS	264401081312501	LUC-30 WELL NR FT. DENAUD, FL	3/24/1998	5/13/2009	7	26.73387248	-81.5233
USGS	264401081313101	LUC-25 WELL NR FT. DENAUD, FL	3/24/1998	5/12/2009	6	26.73387249	-81.5249667
USGS	264401081313801	LUC-24 WELL NR FT. DENAUD, FL	3/24/1998	5/12/2009	6	26.73390027	-81.5271334
USGS	264413081132701	HE - 906	2/13/1979	6/19/1979	2	26.73728816	-81.2239601
USGS	264415080413901	PB - 518	8/6/1964	11/1/1976	11	26.7378417	-80.6939471
USGS	264415080413902	PB - 520	8/6/1964	11/1/1976	11	26.7378417	-80.6939471
USGS	264415081301501	HE - 120	5/1/1953	5/1/1953	1	26.73784446	-81.5039663
USGS	264416081510501	L - 725	7/23/1968	5/27/1977	24	26.73812378	-81.85119618
USGS	264425081454001	L - 726	7/23/1968	7/22/1996	246	26.740901	-81.7606384
USGS	264427081362601	L -2531	1/1/1901	2/22/2010	327	26.74305556	-81.6070833
USGS	264428081310801	HE - 84	5/1/1953	5/1/1953	1	26.74145549	-81.5186888
USGS	264430081254502	HE - 601	2/10/1976	2/10/1976	1	26.74201075	-81.4289646
USGS	264431081292701	HE - 127	5/1/1953	5/1/1953	1	26.74228869	-81.4906326
USGS	264431081292702	HE - 128	5/1/1953	5/1/1953	1	26.74228869	-81.4906326
USGS	264433081360601	L -5708	5/16/1984	2/22/2010	248	26.74228915	-81.6023017
USGS	264438081270501	HE - 171	4/30/1953	4/30/1953	1	26.74423295	-81.4511873
USGS	264438081270502	HE - 172	4/30/1953	4/30/1953	1	26.74423295	-81.4511873
USGS	264438081270601	HE - 418	4/1/1975	4/1/1975	1	26.74423295	-81.4514651
USGS	264439081262201	HE - 190	5/11/1953	5/11/1953	1	26.74451068	-81.4392426
USGS	264454081303801	HE - 119	5/1/1953	5/1/1953	1	26.74867739	-81.5103552
USGS	264455081312201	HE - 79	5/1/1953	5/1/1953	1	26.7489552	-81.5225777
USGS	264501081141901	LUC-29 WELL NR CLEWISTON, FL	3/25/1998	3/11/2009	8	26.75067657	-81.2383771
USGS	264501081513301	L -2356	10/14/1976	10/14/1976	1	26.75062329	-81.85897409

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USGS	264508081142902	LUC-28R WELL NR GOODNO, FL replaces	6/2/2009	6/2/2009	1	26.7526765	-81.24109938
USGS	264508081262301	LUC-28 HE - 176	5/1/1953	5/1/1953	1	26.7525659	-81.4395204
USGS	264517081513201	L - 2341	6/7/1978	2/22/2010	393	26.7553453	-81.856474
USGS	264518081270801	HE - 181	4/30/1953	4/30/1953	1	26.7553436	-81.4520206
USGS	264520081265301	HE - 268	4/30/1953	4/30/1953	1	26.75589915	-81.4478539
USGS	264520081265302	HE - 269	4/30/1953	4/30/1953	1	26.75589915	-81.4478539
USGS	264520081285501	LUC-11 WELL NR LABELLE, FL	3/24/1998	4/30/2009	9	26.75578813	-81.4817713
USGS	264520081303701	HE - 80	4/29/1953	4/29/1953	1	26.75589933	-81.5100774
USGS	264521081305301	HE - 81	4/29/1953	4/29/1953	1	26.7561771	-81.514522
USGS	264521081313703	HE - 74	5/1/1953	5/1/1953	1	26.7600659	-81.531189
USGS	264522081255601	HE - 163	11/24/1953	11/24/1953	1	26.75645464	-81.43202019
USGS	264526081262101	HE - 368	3/7/1975	3/5/1984	85	26.7575657	-81.4389648
USGS	264526081262301	HE - 377	3/7/1975	3/7/1975	1	26.75756573	-81.4395203
USGS	264527081261902	HE - 501	11/1/1978	9/4/1984	68	26.75784349	-81.4384092
USGS	264527081262102	HE - 500	10/28/1983	9/4/1984	9	26.75784349	-81.4384092
USGS	264528081253501	HE - 453	6/16/1975	6/16/1975	1	26.7581212	-81.4261867
USGS	264530081254801	HE - 461	6/16/1975	6/16/1975	1	26.75867677	-81.4297979
USGS	264530081262401	HE - 378	3/7/1975	3/7/1975	1	26.7586768	-81.4397981
USGS	264531081255001	HE - 460	6/16/1975	6/16/1975	1	26.75895454	-81.4303535
USGS	264533081261001	HE - 145	4/30/1953	4/30/1953	1	26.75951009	-81.4359091
USGS	264533081261003	HE - 161	4/30/1953	4/30/1953	1	26.75951009	-81.4359091
USGS	264533081261004	HE - 188	4/30/1953	11/24/1953	2	26.75951009	-81.4359091
USGS	264533081263901	HE - 170	4/30/1953	4/30/1953	1	26.7595101	-81.4439649
USGS	264533081265301	HE - 182	4/30/1953	4/30/1953	1	26.7595101	-81.4478539
USGS	264534081252601	HE - 450	4/30/1953	6/16/1975	2	26.7597878	-81.4236867
USGS	264534081254001	HE - 186	4/30/1953	4/30/1953	1	26.75978783	-81.4275756
USGS	264534081262401	HE - 180	4/30/1953	4/30/1953	1	26.75978786	-81.4397981
USGS	264535081130701	HE - 857	8/22/1977	7/24/1995	146	26.7620094	-81.2128487
USGS	264535081130702	HE - 905	2/13/1979	2/13/1979	1	26.76006505	-81.2184044
USGS	264538081252701	HE - 185	4/30/1953	4/30/1953	1	26.76089889	-81.4239644
USGS	264539081095001	HE - 199	4/30/1950	4/30/1953	2	26.761176	-81.1636808
USGS	264539081095002	HE - 201	4/30/1953	4/30/1953	1	26.761176	-81.1636808
USGS	264539081095003	HE - 200	12/10/1953	12/10/1953	1	26.761176	-81.1636808

Agency	Site Number	Station Name	Start Date	End Date	Count	Latitude	Longitude
USGS	264540081261702	HE - 939	2/20/1924	2/20/1924	1	26.76145446	-81.4378536
USGS	264540081261703	BLONT WELL LA BELLE FL	2/20/1924	2/20/1924	1	26.76145446	-81.4378536
USGS	264541081453901	L -5605	12/19/1980	12/29/1980	3	26.76173348	-81.7606383
USGS	264542081255701	HE - 151	4/30/1953	4/30/1953	1	26.76200998	-81.432298
USGS	264542081255702	HE - 177	4/30/1953	4/30/1953	1	26.76200998	-81.432298
USGS	264542081261301	HE - 131	4/30/1953	5/1/1953	2	26.76200999	-81.43674249
USGS	264542081261302	HE - 152	4/30/1953	4/30/1953	1	26.76200999	-81.43674249
USGS	264542081261303	HE - 175	4/30/1953	4/30/1953	1	26.76200999	-81.43674249
USGS	264542081303901	HE - 903	1/3/1979	9/17/1979	4	26.7620102	-81.510633
USGS	264543081254201	HE - 187	4/30/1953	4/30/1953	2	26.76228773	-81.42813119
USGS	264544081251001	HE - 149	4/30/1953	4/30/1953	1	26.76256548	-81.4192421
USGS	264544081251002	HE - 150	4/30/1953	4/30/1953	1	26.76256548	-81.4192421
USGS	264546081200701	HE - 487	6/16/1975	6/16/1975	1	26.76312078	-81.3350736
USGS	264546081255602	HE - 154	4/30/1953	4/30/1953	1	26.76312105	-81.4320202
USGS	264546081255603	HE - 155	4/30/1953	4/30/1953	1	26.76312105	-81.4320202
USGS	264546081255604	HE - 156	4/30/1953	11/24/1953	2	26.76312105	-81.4320202
USGS	264546081255605	HE - 167	4/30/1953	4/30/1953	1	26.76312105	-81.4320202
USGS	264547081261301	HE - 87	4/30/1953	6/30/1953	2	26.7633988	-81.43674249
USGS	264547081261302	HE - 136	4/30/1953	4/30/1953	1	26.7633988	-81.43674249
USGS	264547081261303	HE - 140	4/30/1953	6/16/1975	2	26.7633988	-81.43674249
USGS	264547081261304	HE - 141	4/30/1953	4/30/1953	1	26.7633988	-81.43674249
USGS	264547081261305	HE - 142	4/30/1953	4/30/1953	1	26.7633988	-81.43674249
USGS	264547081282301	HE - 85	4/29/1953	4/29/1953	1	26.7633989	-81.4728544
USGS	264550081252801	HE - 166	4/30/1953	4/30/1953	1	26.76423209	-81.4242422
USGS	264550081262001	S -1239	3/12/1941	3/12/1941	1	26.76423213	-81.438687
USGS	264558081262001	HE - 491	6/16/1975	6/16/1975	1	26.76645427	-81.438687
USGS	264601081213101	HE - 515	1/7/1976	1/7/1976	1	26.76728735	-81.3584075
USGS	264601081213102	HE - 516	6/24/1986	7/25/1995	100	26.7670096	-81.37479669
USGS	264601081294901	HE - 75	5/1/1953	5/1/1953	1	26.7672877	-81.4967438
USGS	264603081120901	HE - 610	2/8/1977	2/8/1977	1	26.76784249	-81.2022929
USGS	264607081292901	LUC-10 WELL NR LABELLE, FL	3/24/1998	3/24/2011	9	26.76887098	-81.4912159
USGS	264608081183201	HE - 603	2/8/1977	2/8/1977	1	26.76923158	-81.3086841
USGS	264608081454101	L -2216	10/28/1975	2/19/2010	413	26.76951095	-81.7611938
USGS	264608081454102	L -2217	10/28/1975	2/19/2010	412	26.76951095	-81.7611938

Agency	Site Number	Station Name	Start Date	End Date	Count	Latitude	Longitude
USGS	264608081454103	L - 2328	6/7/1978	2/19/2010	358	26.76951095	-81.7611938
USGS	264613081282301	GL - 47	4/29/1953	4/29/1953	1	26.77062086	-81.4728544
USGS	264614081261301	HE - 103	4/29/1953	4/29/1953	1	26.77089853	-81.4367425
USGS	264614081261302	HE - 105	4/29/1953	4/29/1953	1	26.77089853	-81.4367425
USGS	264623081213601	HE - 517	10/28/1983	3/29/2010	94	26.77089836	-81.3742411
USGS	264624081145801	GL - 130	5/6/1953	5/13/1953	2	26.77367569	-81.2492384
USGS	264626081264101	HE - 62	4/29/1953	4/29/1953	1	26.77423175	-81.4445204
USGS	264627081271001	HE - 97	4/29/1953	4/29/1953	1	26.77450954	-81.4525761
USGS	264652081264101	HE - 66	4/29/1953	4/29/1953	1	26.78145369	-81.4445204
USGS	264653081261201	HE - 108	4/29/1953	4/29/1953	1	26.78173144	-81.4364646
USGS	264653081262601	HE - 90	4/29/1953	4/29/1953	1	26.78173145	-81.4403536
USGS	264715081133101	HE - 607	2/8/1977	2/8/1977	1	26.78784174	-81.2250711
USGS	264719081254301	GL - 48	5/1/1953	5/1/1953	1	26.78895336	-81.42840889
USGS	264720081183801	GL - 109	5/1/1953	5/1/1953	1	26.7892308	-81.31035079
USGS	264730081240001	GL - 49	5/1/1953	5/1/1953	1	26.7920087	-81.3997972
USGS	264732081182301	GL - 112	5/1/1953	5/1/1953	1	26.79256399	-81.306184
USGS	264745081185201	GL - 106	5/1/1953	5/1/1953	1	26.79617498	-81.3142397
USGS	264745081190501	GL - 110	5/1/1953	5/1/1953	1	26.79617499	-81.3178509
USGS	264755081460801	CH - 323	10/14/2008	1/19/2010	9	26.7986111	-81.76888889
USGS	264755081460802	CH - 324	10/14/2008	1/19/2010	8	26.7986111	-81.76888889
USGS	264757081185901	GL - 314	6/19/1979	9/17/1979	2	26.79950819	-81.3161842
USGS	264758081144401	GL - 122	5/1/1953	5/1/1953	1	26.79978577	-81.2453494
USGS	264812081210301	GL - 201	4/29/1953	11/25/1953	3	26.80367479	-81.35062939
USGS	264823081145701	GL - 118	5/1/1953	5/1/1953	1	26.80672995	-81.2489605
USGS	264836081211801	GL - 53	4/1/1953	5/1/1953	2	26.8103412	-81.3547961
USGS	264836081230401	GL - 50	5/1/1953	5/1/1953	1	26.81034129	-81.3842412
USGS	264850081112801	GL - 123	5/1/1953	5/1/1953	1	26.8142295	-81.1909036
USGS	264850081161001	GL - 116	5/1/1953	5/1/1953	1	26.8142297	-81.2692387
USGS	264910081280101	GL - 319	2/20/1985	8/24/1994	113	26.81978559	-81.466743
USGS	264910081280102	GL - 320	2/20/1985	8/24/1994	115	26.81978559	-81.466743
USGS	264910081280103	GL - 321	2/20/1985	10/26/1993	105	26.81978559	-81.466743
USGS	264910081280104	GL - 322	11/6/1985	10/26/1993	87	26.81978559	-81.466743
USGS	264917081271001	GL - 45	4/29/1953	4/29/1953	1	26.8217299	-81.452576
USGS	264931080585801	GL - 230	5/8/1953	5/8/1953	1	26.82561737	-80.9825652

Agency	Site Number	Station Name	Start Date	End Date	Count	Latitude	Longitude
USGS	264938081325800	42S28E18 GLS- WT IN CYPRESS HEAD TEL SW SE	4/25/1979	4/25/1979	1	26.82756335	-81.54924468
USGS	264938081325801	GL - 311	1/4/1979	4/25/1979	3	26.82756335	-81.54924468
USGS	264939081331501	42S28E18 GLS- WT IN PINES TEL SW SE	2/13/1979	2/13/1979	1	26.82784113	-81.553967
USGS	264941081321301	GL - 328	10/14/2008	1/19/2010	7	26.82805556	-81.5361111
USGS	264944081282201	GL - 37	4/29/1953	4/29/1953	1	26.82922968	-81.4725764
USGS	264953081054801	GS - 28	8/28/1943	8/28/1943	3	26.83172855	-81.0964568
USGS	264957081094801	S -1234	9/25/1941	9/25/1941	1	26.8328398	-81.163125
USGS	264957081290601	GL - 200	4/29/1953	4/29/1953	1	26.83284068	-81.4847989
USGS	264957081290602	GL - 236	4/29/1953	5/6/1953	2	26.83284068	-81.4847989
USGS	264959081310601	GL - 40	4/29/1953	4/29/1953	1	26.83339633	-81.51813289
USGS	264959081314801	GL - 42	4/29/1953	4/29/1953	1	26.83339638	-81.5297998
USGS	265000081055001	GL - 2	5/1/1933	5/13/1953	2	26.8336729	-81.09701239
USGS	265002081051802	WELL AT MOORE HAVEN FL	5/1/1933	5/1/1933	1	26.8342284	-81.08812329
USGS	265008081051701	GL - 209	5/8/1953	5/8/1953	1	26.835895	-81.0878455
USGS	265019081053101	GL - 213	1/8/1953	5/13/1953	2	26.83895047	-81.0917345
USGS	265020081094101	GL - 126	5/1/1953	5/1/1953	1	26.8392284	-81.1611806
USGS	265036081105801	GL - 128	5/1/1953	5/13/1953	2	26.84367275	-81.18257
USGS	265047081290301	BEE BRANCH WELL LA BELLE	12/13/1978	12/13/1978	1	26.846729	-81.4839655
USGS	265112081071201	GL - 206	5/6/1953	5/6/1953	1	26.85367217	-81.1197907
USGS	265124081453701	TUCKERS CORNER DEEP WELL NEAR PUNTA GORDA FL	9/17/1986	9/8/1997	22	26.85700747	-81.7600824
USGS	265134081293601	GL - 26	4/29/1953	4/29/1953	1	26.85978409	-81.4931323
USGS	265240080372102	PB - 529	10/8/1975	9/2/1986	94	26.878114	-80.6222784
USGS	265240080372103	PB - 560	10/8/1975	9/2/1986	95	26.878114	-80.6222784
USGS	265241080372301	PB - 527	10/8/1975	2/3/1984	72	26.87839177	-80.6228339
USGS	265241080372302	PB - 528	10/8/1975	2/3/1984	69	26.87839177	-80.6228339
USGS	265241080372303	PB - 559	10/8/1975	1/2/1979	16	26.87839177	-80.6228339
USGS	265300080440501	PB - 146	8/20/1943	8/23/1943	8	26.88366983	-80.7345033
USGS	265428080364501	PB -1816	8/16/2011	11/6/2018	28	26.90775	-80.6125833
USGS	265428080364502	PB -1816S	10/26/2011	11/6/2018	27	26.90775	-80.6125833

Agency	Site Number	Station Name	Start Date	End Date	Count	Latitude	Longitude
USGS	265450080365001	PB - 416	9/5/1941	9/12/1941	2	26.91422386	-80.61366699
USGS	265452081165401	65411601 41S30E12 CLEMONS PALMDALE	5/2/1977	9/25/2007	45	26.91478135	-81.2814609
USGS	265455080365101	PB - 417	9/12/1941	9/12/1941	1	26.9156127	-80.6139448
USGS	265506080365101	PB - 418	9/12/1941	9/12/1941	1	26.91866815	-80.6139448
USGS	265519080364901	PB -1815	8/15/2011	11/8/2018	31	26.9218611	-80.61363889
USGS	265519080364902	PB -1815S	10/26/2011	11/8/2018	30	26.9218611	-80.61363889
USGS	265645080363501	PB - 414	9/12/1941	9/12/1941	1	26.9461672	-80.6095002
USGS	265839080365201	M -1369D	8/3/2015	5/10/2018	7	26.97758333	-80.6145
USGS	265839080365202	M -1369I	8/3/2015	5/10/2018	7	26.97758333	-80.6145
USGS	265933080372502	M - 17	9/12/1941	10/3/1941	2	26.99283233	-80.623667
USGS	265933080372503	M - 8	9/12/1941	10/3/1945	2	26.99283233	-80.62338929
USGS	265933080372504	M - 9	9/12/1941	9/12/1941	1	26.99283233	-80.62338929
USGS	265933080372505	M - 15	10/3/1941	10/3/1941	1	26.99283233	-80.62338929
USGS	270823080522401	GL - 136	5/6/1953	5/6/1953	1	27.14004959	-80.8731174
USGS	310654088595901	L0030 PERRY	8/26/2009	8/26/2009	1	31.11518377	-88.9997718
USGS	311553089110902	E0009 FORREST	10/21/1964	10/21/1964	1	31.26489985	-89.1858915
USGS	311608090350201	E0089 AMITE	11/2/1981	11/2/1981	1	31.26906419	-90.5839893
USGS	311616090364101	E0093 AMITE	11/2/1981	11/2/1981	1	31.2712862	-90.6114896
USGS	311623090355401	E0092 AMITE	11/2/1981	11/2/1981	1	31.2732307	-90.5984339
USGS	311642089170101	D0032 FORREST	5/28/1964	5/28/1964	1	31.27850959	-89.2836725
USGS	311756088562901	F0026 PERRY	8/6/1991	8/6/1991	1	31.2990673	-88.9414369
USGS	312002089225401	E0011 LAMAR	12/8/1966	12/8/1966	1	31.3340628	-89.3817307
USGS	312108089225401	A0005 FORREST	9/3/1964	9/3/1964	1	31.3523955	-89.3817306
USGS	312110090070001	N0002 LAWRENCE	8/16/1966	8/16/1966	1	31.3529522	-90.1167542
USGS	312115089192301	B0005 FORREST	6/19/1959	6/19/1959	1	31.35351389	-89.3293694
USGS	312115089192302	B0007 FORREST	6/19/1959	6/19/1959	1	31.35434005	-89.3231178
USGS	312152089140702	C0068 FORREST	2/27/1981	2/27/1981	1	31.36461774	-89.2353375
USGS	312152089184801	B0069 FORREST	1/21/1970	2/6/1974	2	31.36461748	-89.3133953
USGS	312850091260001	F0016 ADAMS	9/27/1961	4/27/1982	3	31.4801675	-91.4317828
USGS	312935091000601	G0007 FRANKLIN	4/3/1968	4/3/1968	1	31.49322466	-91.0017686
USGS	312945089255601	N0001 COVINGTON	2/6/1974	2/6/1974	1	31.4921222	-89.4295556
USGS	313000091252301	F0092 ADAMS	9/17/1981	9/17/1981	1	31.50016715	-91.4231715
USGS	314139088573701	H0004 JONES	4/11/1966	4/11/1966	1	31.6943285	-88.9603297
USGS	323308090180901	R0025 MADISON	5/12/2014	5/12/2014	3	32.5441	-90.3136861

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USGS	323310088362901	C0004 LAUDERDALE	3/15/1957	3/15/1957	1	32.5529161	-88.60809749
USGS	323352089203101	D0018 SCOTT	3/27/1970	3/27/1970	1	32.56280556	-89.3496
USGS	323355089393401	A0001 SCOTT	8/16/1968	8/16/1968	1	32.5654166	-89.6595184
USGS	323904088403001	S0003 KEMPER	10/25/1956	10/25/1956	1	32.65124727	-88.6750453
USGS	324622089065001	F0003 NESHOB	8/15/1919	8/15/1919	1	32.7729115	-89.1139496
USGS	324745088593501	H0019 NESHOB	7/9/1985	7/9/1985	1	32.8001328	-88.994224
USGS	324749090553101	G0044 SHARKEY	3/16/1940	3/16/1940	1	32.79707488	-90.9253805
USGS	324756089205501	H0006 LEAKE	3/12/1970	7/11/1985	2	32.7988111	-89.3481556
USGS	324802091063201	C0042 ISSAQUENA	8/29/1991	8/5/1992	2	32.79735234	-91.1067742
USGS	324803088374201	H0002 KEMPER	6/24/1955	3/29/1960	2	32.80096554	-88.62837769
USGS	324806090553601	G0028 SHARKEY	5/20/1998	7/2/2014	5	32.80496389	-90.9253722
USGS	325013090511701	E0028 SHARKEY	7/28/1992	7/28/1992	1	32.84540685	-90.9545479
USGS	325258090510101	F0032 SHARKEY	10/7/2010	10/7/2010	1	32.88277778	-90.8502778
USGS	325458088294301	E0006 KEMPER	6/22/1955	11/11/1959	3	32.91624066	-88.4953174
USGS	333743089045201	K0004 WEBSTER	11/5/1970	11/18/1970	2	33.626975	-89.0806083
USGS	333743090104901	H0081 LEFLORE	7/23/1992	7/23/1992	1	33.63178486	-90.1878628
USGS	334430089481501	H0053 GRENADA	3/10/1971	3/10/1971	1	33.74178319	-89.8042523
USGS	334430090395801	M0170 BOLIVAR	7/29/1992	9/1/1998	2	33.7390026	-90.6667616
USGS	335226091004201	F0162 BOLIVAR	6/25/1998	6/25/1998	2	33.864675	-90.9761778
USGS	335227089111201	L0004 CALHOUN	10/2/1959	7/22/1981	4	33.87647778	-89.1760972
USGS	335228090521801	F0001 BOLIVAR	8/27/1998	8/27/1998	1	33.8745548	-90.8717698
USGS	340624088364901	O0115 LEE	5/15/1979	4/24/1990	2	34.11355278	-88.6137917
USGS	340638088363601	P0020 LEE	2/28/1967	2/28/1967	1	34.11066439	-88.6100486
21FLG W_WQ X	21FLGW_WQX- 29142	L-00729	2/13/2018	2/13/2018	1	26.55999611	81.66189806
21FLG W_WQ X	21FLGW_WQX- 29144	L-02341	2/7/2018	2/7/2018	1	26.7550925	81.85672167
21FLG W_WQ X	21FLGW_WQX- 3052	RTA-007	2/12/2018	2/12/2018	1	26.82018833	81.46687
21FLG W_WQ X	21FLGW_WQX- 3057	HE-0556	2/22/2017	3/6/2018	2	26.64618778	81.4358375

Agency	Site Number	Station Name	Start Date	End Date	Count	Latitude	Longitude
21FLG W_WQ X	21FLGW_WQX- 3098	L-01963	2/26/2018	2/26/2018	1	26.56255306	81.60457972
21FLG W_WQ X	21FLGW_WQX- 3108	L-02200	1/5/2016	7/12/2018	12	26.72535917	81.568345
21FLG W_WQ X	21FLGW_WQX- 3109	L-02202	2/5/2014	8/9/2018	47	26.72535806	81.56833028
21FLG W_WQ X	21FLGW_WQX- 50619	MHGW-GW1	2/7/2017	2/7/2017	1	26.82167	81.10631139
21FLG W_WQ X	21FLGW_WQX- 50620	LAB-M72	2/6/2017	2/6/2017	1	26.75318056	81.47158889
21FLG W_WQ X	21FLGW_WQX- 50623	L-01418	1/31/2017	1/31/2017	1	26.60838556	81.63094806
21FLG W_WQ X	21FLGW_WQX- 512	BABCOCK 2126	1/19/2017	1/19/2017	1	26.88880972	81.73892917
21FLG W_WQ X	21FLGW_WQX- 53062	L-00727	2/26/2018	2/26/2018	1	26.66389667	81.59781389
21FLSF WM	21FLSFWM- CHWQ-01	MONITOR SITE FOR WATER QUALITY ASSURANCE PROGRAM	11/9/1989	11/28/1990	10	26.9450586	-81.6089639
21FLSF WM	21FLSFWM-HE- 557	HE-557	11/20/1989	11/23/1992	8	26.7100677	-81.518129
21FLSF WM	21FLSFWM-HE- 852	HE-852	9/8/1989	11/27/1990	9	26.5970161	-81.334792
21FLSF WM	21FLSFWM-L- 1963	L-1963	8/22/1990	8/22/1990	1	26.5625744	-81.60452
21FLSF WM	21FLSFWM-L- 1964	L-1964	11/8/1989	11/27/1990	7	26.5625744	-81.60452
21FLSF WM	21FLSFWM-L- 1978	L-1978	11/8/1989	11/27/1990	6	26.7225677	-81.615631
21FLSF WM	21FLSFWM-L- 2311	L-2311	11/8/1989	11/27/1990	9	26.5625744	-81.60452

Agency	Site Number	Station Name	Start Date	End Date	Count	Latitude	Longitude
21FLSF WM	21FLSFWM-L- 2642	L -2642	8/18/1998	8/18/1998	1	26.5495214	-81.9823081
21FLSF WM	21FLSFWM-RTA- 005	RTA-5 DRILLED BY ALVIN WOOSTER (SFWMD) MUD ROTARY; SR29 & CH	9/18/1989	11/27/1990	9	26.5592389	-81.4359111
21FLSF WM	21FLSFWM-RTA- 007	MONITOR SITE FOR WATER QUALITY ASSURANCE PROGRAM	11/20/1989	11/28/1990	8	26.8197856	-81.4675725

NO DATA STATIONS

Table A- 9. Stations with no data. Source: (USGS, 2018; National Water Quality Monitoring Council, 2018).

Agency	Site Number	Station Name	Latitude	Longitude
USGS	02000009	BLUEJAY CANAL AT EL DORADO PKWY., CAPE CORAL, FL	26.54952104	-81.98620089
USGS	02000010	SAN CARLOS CANAL AT SE 6TH PL., CAPE CORAL, FL	26.58979709	-81.9609221
USGS	02000011	LIDO CANAL AT SE 10TH AVE., CAPE CORAL, FL	26.58979707	-81.9536997
USGS	02276871	ST LUCIE CANAL BELOW S308 AT PORT MAYACA FL	26.98366597	-80.6164447
USGS	02276872	ST LUCIE CANAL AT S-308 VELOCITY METER	26.98366597	-80.6164447
USGS	02286401	MIAMI CANAL AT HGS-3, AND S-3 GATE DISCHARGE	26.69895504	-80.8067278
USGS	02286402	MIAMI CANAL AT HGS-3, AND S-3 PUMP DISCHARGE	26.69895504	-80.8067278
USGS	02286403	MIAMI CANAL AT HGS-3, AND S-3 SYPHON DISCHARGE	26.69895504	-80.8067278
USGS	02291650	WHISKEY CREEK AT WHSIKEY CREEK CLUB, NEAR FT. MYER	26.57451975	-81.8911981
USGS	02291999	CALOOSAHATCHEE CANAL ABV HGS-1 AT MOORE HAVEN FL	26.83978375	-81.0872899
USGS	02292500	CALOOSAHATCHEE CANAL NR CITRUS CENTER, FLA.	26.78367548	-81.316462
USGS	02292781	TOWNSEND CANAL NR ALVA VELOCITY	26.7095125	-81.55813419
USGS	02292782	TOWNSEND CANAL NR ALVA, DOWNSTREAM STAGE	26.7103458	-81.55813418
USGS	02292783	TOWNSEND CANAL ABOVE BRIDGE	26.7095125	-81.55813419
USGS	262954081562201	L -4841	26.49868969	-81.9392555
USGS	262959081561801	L - 547	26.50007853	-81.9381443
USGS	263009081560401	L -1821	26.50285618	-81.9342553
USGS	263025081584601	L -1278	26.50730054	-81.9792566
USGS	263032081584601	L -1311	26.5092449	-81.9792565
USGS	263047081570401	L -1272	26.51341134	-81.9509224
USGS	263048081545001	L -1275	26.513689	-81.9136991
USGS	263054081570301	L -1819	26.5153557	-81.9506446
USGS	263054081570601	L -1820	26.5153557	-81.951478
USGS	263057081572201	L -1258	26.516189	-81.9559225
USGS	263057081572202	L -2657	26.516189	-81.9559225
USGS	263103081572901	L -1259	26.5178556	-81.957867
USGS	263127081570401	L -1004	26.52452199	-81.9509223
USGS	263146081543501	L -1267	26.52979945	-81.9095322
USGS	263148081550001	L -5602	26.530355	-81.91647688
USGS	263201081550101	L -1269	26.53396596	-81.9167546
USGS	263212081540601	L -1464	26.53702135	-81.9014764
USGS	263215081551301	L -4868	26.53785469	-81.920088
USGS	263244081550101	L - 256	26.5459099	-81.9167546
USGS	263248081534702	L - 901	26.5470209	-81.8961984
USGS	263251081541101	L - 519	26.54785423	-81.90286529

USGS	263258081591101	C COR DISCHARGE BR3	26.5497988	-81.98620089
USGS	263303081532601	L -1715	26.55118739	-81.8903649
USGS	263303081592201	C COR NSS 2/24-2/25 11	26.55118765	-81.9892565
USGS	263304081535801	L - 976	26.55146518	-81.899254
USGS	263311081534201	2.63311E+14	26.55340953	-81.8948095
USGS	263316081552201	L -5618	26.55479844	-81.922588
USGS	263317081540001	L - 967	26.55507614	-81.8998096
USGS	263317081540701	L - 973	26.55507615	-81.9017541
USGS	263317081544701	2.63317E+14	26.55507618	-81.9128655
USGS	263318081552701	L -6421	26.55535397	-81.9239769
USGS	263328081591901	C COR NSS 6/19-6/20 3	26.5581318	-81.9884231
USGS	263329081513701	L -1947	26.55840923	-81.8600863
USGS	263329081541201	2.63329E+14	26.55840935	-81.903143
USGS	263332081545501	L - 979	26.55924268	-81.9150878
USGS	263335081543100	D.BASS WELL FT MYERS	26.56007596	-81.9084209
USGS	263337081524601	L -1031	26.5606314	-81.8792535
USGS	263337081535401	2.63337E+14	26.56063146	-81.8981429
USGS	263338081541601	L - 974	26.56090924	-81.9042541
USGS	263341081591901	C COR NSS 2/24-2/25 13	26.56174277	-81.98842309
USGS	263343081541601	L - 975	26.56229807	-81.9042541
USGS	263343081542201	L - 970	26.56229808	-81.9059208
USGS	263344081581901	C COR DISCHARGE BR2	26.562576	-81.971756
USGS	263347081540301	2.63347E+14	26.56340913	-81.9006429
USGS	263351081535301	L -2625	26.56452019	-81.897865
USGS	263351081542301	L - 968	26.5645202	-81.9061986
USGS	263353081544701	2.63353E+14	26.56507576	-81.9128655
USGS	263353081583601	C COR NSS 2/24-2/25 17	26.56507593	-81.97647829
USGS	263358081521401	L -5011	26.56646447	-81.87036429
USGS	263359081574401	C COR NSS 2/24-2/25 24	26.56674249	-81.9620334
USGS	263403081541701	L - 367	26.5678534	-81.9045319
USGS	263404081541301	237	26.56813116	-81.9034207
USGS	263408081520101	L -1445	26.5692421	-81.866753
USGS	263415081540901	2.63415E+14	26.57118658	-81.9023096
USGS	263417081533201	L - 972	26.57174209	-81.8920315
USGS	263429081572401	L -6442	26.57507546	-81.95647768
USGS	263430081572301	L -6443	26.57535323	-81.9561999
USGS	263436081533801	L -1462	26.57701965	-81.8936982
USGS	263437081531201	L -2438	26.57729739	-81.8864758
USGS	263439081591701	C COR NSS 2/24-2/25 18	26.5778532	-81.9878674
USGS	263442081515901	L - 115	26.57868617	-81.8661974
USGS	263449081582501	C COR DISCHARGE BR1	26.58063084	-81.9734225
USGS	263456081534501	L -5601	26.58257498	-81.8956427
USGS	263500081520001	FORT MYERS WSO AP R NOAA	26.58368596	-81.8664752
		STATION 3186		
USGS	263508081512301	TEN MILE CANAL AT PAGE FIELD	26.58590805	-81.8561971
		NEAR FT MYERS FL		
USGS	263523081571201	C COR NSS 2/24-2/25 23	26.59007483	-81.9531442
USGS	263523081571301	C COR TIDAL STAGE 8	26.59007483	-81.9534219
USGS	263525081583801	C COR NSS 2/24-2/25 19	26.59063044	-81.97703368
USGS	263549081155701	HE - 573	26.5972936	-81.2656284

USGS	263557081222300	<u>CANAL AT KERI 0.5 MILE E OF</u>	26.5995161	-81.3728529
		<u>RAILROAD ON SR-832</u>		
USGS	263608081525301	<u>L -5871</u>	26.60257409	-81.8811977
USGS	263608081525302	<u>L -5872</u>	26.60257409	-81.8811977
USGS	263608081525303	<u>L -5873</u>	26.60257409	-81.8811977
USGS	263616081574101	<u>L - 513</u>	26.60479647	-81.9611998
USGS	263618081133301	<u>42 FOOT CA @ SR-832 LA BELLE 4SW</u>	26.60534874	-81.2256274
USGS	263652081514001	<u>L -1294</u>	26.61479573	-81.8609193
USGS	263706081515101	<u>L - 64</u>	26.61868446	-81.8639749
USGS	263708081522201	<u>L - 202</u>	26.61924	-81.8725863
USGS	263717081520101	<u>L - 231</u>	26.6217399	-81.8667528
USGS	263720081524501	<u>L - 225</u>	26.62257324	-81.8789753
USGS	263722081512301	<u>L - 154</u>	26.62312869	-81.8561969
USGS	263722081513801	<u>L - 62</u>	26.6231287	-81.8603637
USGS	263728081513301	<u>L - 224</u>	26.6247953	-81.8589748
USGS	263729081500401	<u>L - 208</u>	26.62507298	-81.8342519
USGS	263733081512301	<u>L - 175</u>	26.6261841	-81.8561969
USGS	263735081495501	<u>L - 180</u>	26.62673957	-81.8317518
USGS	263736081494001	<u>L -5875</u>	26.62666667	-81.8277778
USGS	263737081502301	<u>L - 176</u>	26.6272951	-81.8395298
USGS	263745081523501	<u>L - 222</u>	26.62951738	-81.8761974
USGS	263747081510801	<u>L - 160</u>	26.63007283	-81.8520301
USGS	263747081524901	<u>L - 816</u>	26.6300729	-81.8800864
USGS	263755081485401	<u>L - 564</u>	26.6322948	-81.8148069
USGS	263759081514601	<u>L - 218</u>	26.63340606	-81.8625859
USGS	263759081514602	<u>L - 238</u>	26.63340606	-81.8625859
USGS	263759081520401	<u>L - 68</u>	26.63340607	-81.867586
USGS	263800081515401	<u>L - 223</u>	26.63368383	-81.8648082
USGS	263800081520003	<u>CITY WELL A NEAR FORT MYERS FL</u>	26.63368384	-81.8664749
USGS	263801081505601	<u>L - 157</u>	26.63396154	-81.8486967
USGS	263801081585501	<u>L -1013</u>	26.633962	-81.9817557
USGS	263802081494201	<u>L - 149</u>	26.63423923	-81.8281406
USGS	263802081500201	<u>L - 150</u>	26.63423925	-81.8336963
USGS	263803081512401	<u>L - 151</u>	26.6345171	-81.8564747
USGS	263803081512901	<u>L - 181</u>	26.6345171	-81.8578636
USGS	263804081503201	<u>L - 43</u>	26.6347948	-81.8420298
USGS	263804081512801	<u>L - 152</u>	26.63479487	-81.85758579
USGS	263807081512401	<u>L - 237</u>	26.63562816	-81.8564746
USGS	263808081451601	<u>L -2119</u>	26.63590557	-81.7542497
USGS	263810081521801	<u>L - 74</u>	26.6364615	-81.871475
USGS	263810081522201	<u>L - 75</u>	26.6364615	-81.8725862
USGS	263812081511101	<u>L - 158</u>	26.63701698	-81.8528634
USGS	263813081512501	<u>L - 239</u>	26.63729476	-81.8567524
USGS	263813081520901	<u>L - 72</u>	26.6372948	-81.868975
USGS	263815081451601	<u>L -2120</u>	26.63784993	-81.7542497
USGS	263818081381601	<u>L - 409</u>	26.6386825	-81.6375806
USGS	263818081433501	<u>L -4817</u>	26.63784988	-81.7442495
USGS	263818081451501	<u>L -2121</u>	26.6386832	-81.753972
USGS	263818081512401	<u>L - 86</u>	26.63868359	-81.8564746
USGS	263819081515901	<u>L - 95A</u>	26.63896139	-81.8661971
USGS	263822081505501	<u>L - 40</u>	26.6397946	-81.8484189

USGS	263823081511201	L - 39	26.6400724	-81.8531412
USGS	263824081514001	L - 145	26.6403502	-81.86091918
USGS	263824081520301	L - 88	26.6403502	-81.8673082
USGS	263827081502801	L - 14	26.6411834	-81.8409187
USGS	263828081381301	L - 161	26.64146017	-81.6367472
USGS	263830081451701	L -2122	26.6420164	-81.7545275
USGS	263830081451901	L -2123	26.6420164	-81.755083
USGS	263832081511801	L - 23	26.6425723	-81.8548079
USGS	263833081432901	L -2447	26.64284954	-81.7245269
USGS	263835081394401	L - 624	26.64340469	-81.6620255
USGS	263835081433001	L -2448	26.64340507	-81.7248046
USGS	263836081492101	L -1396	26.64368325	-81.822307
USGS	263837081504201	L - 17	26.6439611	-81.8448076
USGS	263837081593301	L -1012	26.64396163	-81.9923115
USGS	263839081450801	L -2137	26.6445163	-81.7520274
USGS	263839081452601	L -2124	26.6445163	-81.7570276
USGS	263839081490901	L -1394	26.64451654	-81.8189736
USGS	263839081510901	L - 31	26.64451666	-81.8523078
USGS	263840081204501	HE -1086	26.64479204	-81.3456299
USGS	263843081453101	L -2125	26.64562738	-81.75841649
USGS	263846081452601	L -2128	26.64646067	-81.7570276
USGS	263851081505301	L - 35	26.64784983	-81.8478632
USGS	263852081451601	L -2134	26.64812726	-81.7542497
USGS	263852081504001	L - 219	26.64812759	-81.844252
USGS	263852081522200	CALOOSAHATCHEE RIVER AT MARKER 46 NEAR FT MYERS FL	26.64812769	-81.8725861
USGS	263852081564601	L - 220	26.64812796	-81.9459214
USGS	263853081492801	L - 196	26.64840528	-81.8242515
USGS	263853081495201	L - 195	26.6484053	-81.8309184
USGS	263853081500201	L - 187A	26.6484053	-81.8336962
USGS	263853081510801	L - 217	26.64840538	-81.85203
USGS	263856081502001	L - 183	26.64923863	-81.8386963
USGS	263900081520800	CALOOSAHATCHEE RIVER ESTUARY AT US41 BRIDGE	26.6503498	-81.8686971
USGS	263901081493401	L -1144	26.6506274	-81.8259182
USGS	263906081335901	L - 626	26.65201487	-81.5661902
USGS	263906081494301	L - 226	26.65201625	-81.8284183
USGS	263906081502701	L - 228	26.6520163	-81.8406408
USGS	263906081575001	L -1008	26.65201675	-81.9636996
USGS	263907081490601	L - 216	26.65229398	-81.8181402
USGS	263907081500501	L - 191	26.65229404	-81.8345295
USGS	263907081563701	L -1005	26.65229444	-81.9434213
USGS	263908081484701	L - 229	26.6525717	-81.8128623
USGS	263914081505301	L - 8	26.65423845	-81.8478632
USGS	263917081501901	L - 199A	26.6550717	-81.8384185
USGS	263918081495201	L - 198A	26.65534945	-81.8309183
USGS	263920081160201	HE - 979	26.65590248	-81.267017
USGS	263920081501901	L - 200	26.655905	-81.8384185
USGS	263921081464201	L -4878	26.65618255	-81.7781392
USGS	263928081365201	L - 625	26.658126	-81.61424669
USGS	263935081550101	L -4846	26.6600718	-81.9167539

USGS	263938081500301	L -2548	26.66090478	-81.8339739
USGS	263945081495001	L -1367	26.66284913	-81.8303627
USGS	263954081502901	L -3216	26.66534906	-81.8411963
USGS	264001081451401	L -1358	26.66729309	-81.753694
USGS	264011081491802	L -1386	26.670071	-81.8214736
USGS	264017081441201	L -3226	26.67173725	-81.7364714
USGS	264018081441201	L -3228	26.672015	-81.7364714
USGS	264018081524801	N FORT MYERS UTILITIES FLRD INJ FL	26.6720156	-81.87980838
USGS	264019081441201	L -3229	26.67229278	-81.7364714
USGS	264020081441201	L -3230	26.67257054	-81.7364714
USGS	264020081490701	L -1345	26.67257089	-81.8184179
USGS	264025081345601	L -5704	26.6739585	-81.5820237
USGS	264029081464801	L -1318	26.67507063	-81.7798058
USGS	264033081452401	L -5635	26.6761816	-81.7564719
USGS	264049081345601	L -5702	26.6806249	-81.5820237
USGS	264052081464601	L -1314	26.68145924	-81.7792502
USGS	264101081345901	L - 627	26.6839581	-81.582857
USGS	264106081550801	L -3290	26.6853485	-81.91869819
USGS	264108081442801	L -1239	26.6859033	-81.7409159
USGS	264110081345801	L -5700	26.686458	-81.5825792
USGS	264118081332701	HE -1141	26.68868	-81.5573009
USGS	264119081452401	L -1511	26.6889588	-81.7564718
USGS	264119081483203	L -1950	26.68895903	-81.8086954
USGS	264120081483201	L -1948	26.6892368	-81.8086954
USGS	264122081432601	L -5004	26.68979195	-81.7236933
USGS	264132081513801	L -2521	26.6925702	-81.8603633
USGS	264135081302801	HE - 913	26.69340178	-81.5075776
USGS	264138081345801	L -5698	26.69423547	-81.5825792
USGS	264148081385401	L - 716	26.69701347	-81.6481361
USGS	264148081473200	CALOOSAHATCHEE RIVER AT MARKER 13 NEAR FT MYERS FL	26.69701417	-81.7920282
USGS	264155080432500	LAKEOKEECHOBEEOUTLET NORTHOF SOUTHBAY FLA	26.6989546	-80.7233924
USGS	264155080482502	MIAMI CANAL AT HGS-3 AT LAKE HARBOR FL (VEL)	26.69895504	-80.8067278
USGS	264200080430001	BELLE GLADE HRCN GATE NOAA STATION 616	26.70034339	-80.7164478
USGS	264207081355802	L - 917	26.70229078	-81.5992462
USGS	264212081362801	L - 769	26.70367966	-81.6075797
USGS	264213081375201	L - 628	26.70395754	-81.6309135
USGS	264227081344601	L -4881	26.707846	-81.5792458
USGS	264228081405401	L -2613	26.70812428	-81.6814701
USGS	264230080493001	WALDRON WELL LK HARBOR	26.70867696	-80.8247838
USGS	264231081354001	L -1692	26.70895715	-81.594246
USGS	264232081351001	L -1694	26.70923488	-81.5859126
USGS	264235081410201	L -2612	26.71006865	-81.68369239
USGS	264239081332301	HE - 113	26.7111791	-81.55618969
USGS	264243081403601	L -2588	26.71229075	-81.67647
USGS	264245081352601	L -1693	26.71284586	-81.590357
USGS	264248081440701	L -2298	26.71367986	-81.7350824
USGS	264250080424301	S -1209	26.71423169	-80.7117254

USGS	264250081302000	<u>ROBERTSCANALSOUTHOFDENAUD FLA</u>	26.71423428	-81.5053553
USGS	264250081365000	<u>CALOOSAHATCHEE RIVER AT ALVA FL</u>	26.7142348	-81.6136909
USGS	264250081370301	<u>L -4850</u>	26.7142348	-81.61730208
USGS	264250081441101	<u>L -2304</u>	26.7142354	-81.73619348
USGS	264250081441601	<u>L -2305</u>	26.7142354	-81.7375824
USGS	264250081441801	<u>L -2303</u>	26.7142354	-81.738138
USGS	264250081441901	<u>L -2306</u>	26.7142354	-81.7384158
USGS	264250081442101	<u>L -2307</u>	26.7142354	-81.7389713
USGS	264250081442201	<u>L -2294</u>	26.7142354	-81.7392491
USGS	264251081442401	<u>L -2296</u>	26.71451318	-81.7398047
USGS	264252081404701	<u>L -2589</u>	26.71479066	-81.6795256
USGS	264253081361901	<u>L - 963</u>	26.71506806	-81.6050796
USGS	264254081412601	<u>L -2585</u>	26.71534624	-81.6903592
USGS	264255081360601	<u>L -2354</u>	26.71562358	-81.6014684
USGS	264255081445201	<u>L - 848</u>	26.71562424	-81.7392491
USGS	264256081404601	<u>L -2590</u>	26.7159017	-81.6792478
USGS	264257081352701	<u>L -5809</u>	26.71583333	-81.5908333
USGS	264257081540801	<u>43S24E22 L-266 COLLIER EST FORT MYERS FL</u>	26.7161805	-81.9020309
USGS	264258081402001	<u>L -2595</u>	26.7164572	-81.6720255
USGS	264258081440401	<u>L - 850</u>	26.7164575	-81.73424899
USGS	264258081440801	<u>L - 851</u>	26.7164575	-81.7353601
USGS	264258081443701	<u>L -2297</u>	26.71645756	-81.7434159
USGS	264300081455101	<u>L - 883</u>	26.71701318	-81.76397189
USGS	264301081252901	<u>HE - 592</u>	26.71728948	-81.42452019
USGS	264301081414401	<u>L -2621</u>	26.7172906	-81.6953593
USGS	264302081404501	<u>L -2620</u>	26.7175683	-81.67897
USGS	264302081435501	<u>L - 852</u>	26.71756856	-81.7317489
USGS	264303081401701	<u>L -2596</u>	26.71784604	-81.6711921
USGS	264303081404201	<u>L -4826</u>	26.71784607	-81.67813669
USGS	264303081444901	<u>L - 845</u>	26.7178464	-81.7467492
USGS	264303081445201	<u>L - 846</u>	26.7178464	-81.7475826
USGS	264305081444601	<u>L - 847</u>	26.71840193	-81.7459159
USGS	264306081435401	<u>L - 842</u>	26.7186796	-81.7314711
USGS	264306081435501	<u>L - 843</u>	26.71867963	-81.7317489
USGS	264307081362901	<u>L -3279</u>	26.7189568	-81.6078574
USGS	264307081371201	<u>L - 909</u>	26.71895686	-81.6198021
USGS	264307081405001	<u>L -1916</u>	26.71895715	-81.680359
USGS	264308081433301	<u>L - 855</u>	26.71923513	-81.72563769
USGS	264309081405101	<u>L -2901</u>	26.71951268	-81.6806367
USGS	264310081422201	<u>L -2617</u>	26.71979057	-81.705915
USGS	264311081374301	<u>L -1505</u>	26.72006797	-81.6284134
USGS	264312081402101	<u>L -2628</u>	26.72034594	-81.6723032
USGS	264312081425001	<u>L -1232</u>	26.72034614	-81.71369298
USGS	264313081414501	<u>L -2615</u>	26.7206238	-81.695637
USGS	264316081402301	<u>L -2629</u>	26.721457	-81.67285878
USGS	264316081424601	<u>L -1233</u>	26.72145719	-81.7125818
USGS	264317081403001	<u>L -2630</u>	26.72173478	-81.6748033
USGS	264320081404801	<u>L -2623</u>	26.7225681	-81.6798034
USGS	264322081450301	<u>L - 889</u>	26.72312397	-81.7506382

USGS	264323081410301	L - 897	26.7234014	-81.6839701
USGS	264325081413901	L -1050	26.723957	-81.6939703
USGS	264326081400901	L -1236	26.72423465	-81.6689698
USGS	264326081401301	L -2632	26.72423466	-81.6700809
USGS	264326081451701	L - 879	26.72423505	-81.75452718
USGS	264327081210401	HE - 904	26.7245117	-81.5175777
USGS	264327081444701	43S26E19 L-894 G W KELLER OLGA FL	26.72451277	-81.7461937
USGS	264327081445801	L - 894	26.72451279	-81.7492493
USGS	264328081400401	631	26.72479018	-81.6675809
USGS	264329081340101	L - 629	26.72506747	-81.5667454
USGS	264330081404601	L -2627	26.72534576	-81.67924779
USGS	264330081424500	TROUT CREEK NEAR OLGA FL	26.7253459	-81.712304
USGS	264330081425000	CALOOSAHATCHEE RIVER AT OLGA FL	26.7253459	-81.713693
USGS	264331081370301	L - 877	26.72562324	-81.617302
USGS	264333081365501	L -1979	26.72617876	-81.6150798
USGS	264334081423201	L -5644	26.72645696	-81.7086929
USGS	264335081380501	L - 929	26.72673439	-81.6345246
USGS	264338081450001	L - 895	26.7275682	-81.7498048
USGS	264345081373000	CYPRESS CREEK NEAR ALVA FL	26.729512	-81.6248022
USGS	264345081525301	L -5802	26.72951317	-81.881197
USGS	264345081525302	L -5803	26.72951317	-81.881197
USGS	264346081445801	L - 893	26.72979034	-81.7492493
USGS	264350081370801	L -1980	26.7309008	-81.6186909
USGS	264400081511401	L -1436	26.73367954	-81.8536963
USGS	264401081544001	43S24E16 L-1044 TRAIL DAIRY FORT MYERS FL	26.73395757	-81.9109199
USGS	264405081370501	L - 908	26.7350673	-81.6178576
USGS	264406081511501	L -1438	26.73534613	-81.853974
USGS	264406081544001	L -1044	26.7353464	-81.9109199
USGS	264408081155501	HE -1118	26.73555556	-81.2652778
USGS	264409081470501	L -1441	26.7361791	-81.7845279
USGS	264416081510510	GW WELL L-72543S25E18 FL	26.73812378	-81.85119618
USGS	264421081194701	HE - 914	26.73951057	-81.329518
USGS	264423081431101	L - 999	26.74006753	-81.7195264
USGS	264424081362701	L - 630	26.7403448	-81.6073018
FL051	264426081274801	WELL NO.1 - LABELLE	26.74089978	-81.463132
FL051	264426081274802	WELL NO.2 - LABELLE	26.74089978	-81.463132
USGS	264426081274901	2.64426E+14	26.74089978	-81.4634098
USGS	264430080413001	HATCHER WELL BELLE GLADE	26.74200818	-80.691447
USGS	264430080523001	WATSON WELL CLEWISTON	26.7420092	-80.874785
USGS	264433081360602	L -6414	26.74284468	-81.6014683
USGS	264438081270602	HE - 419	26.74423295	-81.4514651
USGS	264442081263701	HE - 400	26.74534399	-81.4434094
USGS	264445081304500	CALOOSAHATCHATCHEERIVER WESTOF LABELLE FLA	26.7461775	-81.5122997
USGS	264454080405601	BGTP-1	26.74826389	-80.6823167
USGS	264456081463701	L -2262	26.74923406	-81.7767499
USGS	264500080405601	BGTP-2	26.75008889	-80.6821222
USGS	264500081234001	HE - 597	26.75034367	-81.3942416
USGS	264500081260001	LA BELLE NOAA STATION 4662	26.75034377	-81.4331313

USGS	264500081310000	<u>JACKSBRANCHNORTHWESTOFDENAU</u>	26.750344	-81.5164665
		<u>D FLA</u>		
USGS	264501081283401	<u>HE - 571</u>	26.75062165	-81.47591
USGS	264509081281801	<u>HE -1134</u>	26.7525	-81.4716667
USGS	264510081281401	<u>HE -1133</u>	26.75317709	-81.4704932
USGS	264600080420000	<u>EAST SHORE LAKE OKEECHOBEE AT</u>	26.7670073	-80.6997805
		<u>RIM CANAL (FCD)</u>		
USGS	264600081270001	<u>LA BELLE 2 NW NOAA</u>	26.76700983	-81.4497983
		<u>STATION 4667</u>		
USGS	264603081265000	<u>POLLYWOGCREEK WESTOFLABELLE</u>	26.7678431	-81.4470205
		<u>FLA</u>		
USGS	264610081261500	<u>CALOOSAHATCHEERIVER NEAR LA</u>	26.76978746	-81.437298
		<u>BELLE FLA</u>		
USGS	264614080545901	<u>LAKE OKEECHOBEE CLEWISTON</u>	26.77051944	-80.9163667
		<u>MARSH ET SITE, FL</u>		
USGS	264622081233801	<u>GL - 325</u>	26.77263889	-81.3938611
USGS	264659081101701	<u>GL - 326</u>	26.78305556	-81.17138889
USGS	264700081180001	<u>ORTONA LOCK 2 NOAA</u>	26.78367544	-81.299795
		<u>STATION 6657</u>		
USGS	264707081111401	<u>GL - 329</u>	26.78538889	-81.1870833
USGS	264717081363101	<u>323 FL</u>	26.78839846	-81.6084127
USGS	264717081363701	<u>42S27E27 323 FL</u>	26.78839847	-81.6100794
USGS	264720081182500	<u>CALOOSAHATCHEECANAL NEAR</u>	26.78923079	-81.3067396
		<u>LABELLE FLA</u>		
USGS	264727080574200	<u>C-20 AT PUMP STATION 4 WMD SITE S4</u>	26.79117427	-80.9614537
USGS	264730081163401	<u>GL - 330</u>	26.79166667	-81.2761111
USGS	264738081214201	<u>GL - 323</u>	26.79388889	-81.3618056
USGS	264738081214202	<u>GL - 324</u>	26.79388889	-81.3617778
USGS	264753081431201	<u>M30 211 FL</u>	26.7983985	-81.7198039
USGS	264754080513800	<u>LAKE OKEECHOBEE NR CLEWISTON</u>	26.79867359	-80.86034
		<u>AT WMD SITE LZ30</u>		
USGS	264754081432201	<u>M30A 121 FL</u>	26.7986763	-81.72258178
USGS	264754081461001	<u>CH - 322</u>	26.79833333	-81.7694444
USGS	264803081070501	<u>GL - 327</u>	26.80075	-81.1181111
USGS	264809081144401	<u>GL - 263</u>	26.8028412	-81.2453493
USGS	264810081215101	<u>GL - 238</u>	26.80311929	-81.363963
USGS	264811081513801	<u>F 1450 413 FL</u>	26.80339896	-81.8603628
USGS	264825081200701	<u>GL - 239</u>	26.8072857	-81.33507349
USGS	264825081200702	<u>GL - 244</u>	26.8072857	-81.33507349
USGS	264830080413001	<u>BELK WELL 3597 AIRPORT RD NR</u>	26.80867238	-80.69144688
		<u>BELLEGLA</u>		
USGS	264842081340501	<u>F 1422 221 FL</u>	26.81200848	-81.5678562
USGS	264843081424201	<u>42526E22 FL</u>	26.8122868	-81.71147039
USGS	264844081453501	<u>F 1419 111 FL</u>	26.81256479	-81.75952699
USGS	264853081473901	<u>M11 444 FL</u>	26.81506485	-81.7939722
USGS	264907081441601	<u>W2 322 FL</u>	26.81895333	-81.737582
USGS	264920081323401	<u>GL - 268</u>	26.8225635	-81.54257789
USGS	264935081453301	<u>W9 111 FL</u>	26.82673089	-81.7589714
USGS	264952081451701	<u>W3 341 FL</u>	26.8314529	-81.7545268
USGS	264958081305101	<u>GL - 261</u>	26.83311855	-81.5139661
USGS	265012081453701	<u>42S25E12 M27 244 FL</u>	26.83700826	-81.7600825

USGS	265022081051502	CALOOSAHATCHEE CANAL AT HGS-1	26.83978375	-81.0872899
		AT MOORE HAVEN VEL		
USGS	265100081295500	WEST BEE BRANCH NR MUCE LA	26.85034003	-81.49841019
		BELLE		
USGS	265125081460401	42S25E01 USGS A3 211 NEAR SARASOTA	26.85728527	-81.76758258
		FL		
USGS	265125081463401	42S25E01 USGS A-2 111 NEAR	26.8572853	-81.7759161
		SARASOTA FL		
USGS	265140080434500	BAREBEACHPUMP BAREBEACH FLA	26.8614484	-80.7289477
		WEST PALM BEACH C AT HGS-5 AT		
USGS	265150080375501	CANAL PT (VEL)	26.8642256	-80.631723
		CANAL POINT GATE 5 NOAA		
USGS	265200080380001	STATION 1271	26.8670033	-80.63311199
		PB - 505		
USGS	265240080372101	41S25E27 M20 231 FL	26.878114	-80.6222784
USGS	265258081480201	LEVEE 8 CANAL NR CANAL PT	26.88311773	-81.800361
		VELOCITY METER		
USGS	265501080364902	PORT MAYACA S L CANAL NOAA	26.91866815	-80.6139448
		STATION 7293		
USGS	265800080370001	ST LUCI CANAL AT S-308 AT PORT	26.96699987	-80.6164447
		MAYACA FL (VEL)		
USGS	265900080370002	L-706 NEAR LEHIGH ACRES FL	26.98366597	-80.6164447
		M0049 AMITE		
USGS	273943081351801	K0103 LAMAR	26.66229236	-81.588135
USGS	310653090563701	H0003 MARION	31.114898	-90.9437138
USGS	310654089300801	D0114 LAMAR	31.1151797	-89.5022892
USGS	311545089433901	E0002 AMITE	31.26267678	-89.7275764
USGS	311551089291601	B0110 PIKE	31.26434236	-89.487845
USGS	311557090332501	C0047 LAMAR	31.2660088	-90.5570445
USGS	311558090221701	A0055 PIKE	31.26628696	-90.3714844
USGS	311600089354601	H0004 MARION	31.26684269	-89.5961824
USGS	311607090320301	D0045 LAMAR	31.2687867	-90.5342664
USGS	311609089443701	C0048 LAMAR	31.26934334	-89.743688
USGS	311611089300201	E0228 LAMAR	31.26989769	-89.5006232
USGS	311611089345101	B0146 PIKE	31.26989808	-89.580904
USGS	311619089245101	G0027 MARION	31.27212027	-89.4142318
USGS	311621090222401	E0017 LAMAR	31.27267574	-90.3734289
USGS	311631089500101	F0018 MARION	31.2754543	-89.8336908
USGS	311655089261901	A0005 AMITE	31.28211983	-89.4386769
USGS	311705089543001	P0071 AMITE	31.2848985	-89.9084153
USGS	311711091000901	E0041 MARION	31.28656109	-91.0026029
USGS	311733090411901	D0033 WILKINSON	31.29267444	-90.68871269
USGS	311738090010001	RICHTON 3SSE, MS	31.2940649	-90.0167519
USGS	311745091063801	02479165	31.2960045	-91.1106612
USGS	311800088540001	C0014 PERRY	31.30017854	-88.9000449
USGS	312048088562201	D0028 MARION	31.34684267	-88.9394936
USGS	312100089405201	B0075 LAMAR	31.35017404	-89.6811851
USGS	312101089273201	A0022 PERRY	31.35045095	-89.45895509
USGS	312102089030701	B0027 MARION	31.35073096	-89.0519994
USGS	312106089542301	B0028 LAMAR	31.35184123	-89.9064702
USGS	312109089283901	C0005 FORREST	31.35267305	-89.4775667
USGS	312112089134601	J0061 ADAMS	31.3535071	-89.229504
USGS	312114091270401		31.35388889	-91.4511111

USGS	312116088562801	C0066 PERRY	31.35462006	-88.9411605
USGS	312152089183901	B0035 FORREST	31.36461749	-89.3108952
USGS	312153091072601	L0007 FRANKLIN	31.3648923	-91.1239948
USGS	312155089151501	B0026 FORREST	31.3654509	-89.2542269
USGS	312437089071101	A0013 PERRY	31.41045014	-89.1197795
USGS	312440089272601	B0005 LAMAR	31.41128239	-89.4572882
USGS	312844091252601	F0133 ADAMS	31.4790564	-91.4240048
USGS	313041091250901	F0068 ADAMS	31.51155589	-91.4192825
USGS	313100089454901	J0014 JEFFERSON DAVIS	31.51683645	-89.7636869
USGS	313111088294601	Z0077 WAYNE	31.51988676	-88.4961353
USGS	314140089230501	E0040 JONES	31.69460719	-89.38478569
USGS	323309088513601	A0078 LAUDERDALE	32.55263905	-88.8600508
USGS	323324090103601	S0013 MADISON	32.5568063	-90.176754
USGS	323338089073801	B0018 NEWTON	32.56069407	-89.1272812
USGS	323351088315601	D0003 LAUDERDALE	32.5643042	-88.5322613
USGS	323400089581001	U0006 MADISON	32.56680569	-89.9695271
USGS	323501090505201	G0005 ISSAQUENA	32.58374869	-90.8478803
USGS	323631088232101	U0004 KEMPER	32.60874698	-88.3892003
USGS	323800090031401	M0023 MADISON	32.6334709	-90.0539738
USGS	323814090595701	E0027 ISSAQUENA	32.6372222	-90.9991667
USGS	323856089480801	P0003 MADISON	32.64902538	-89.80230129
USGS	323859089240901	Q0004 LEAKE	32.64985944	-89.4025673
USGS	323904090381901	U0037 YAZOO	32.65124759	-90.6387085
USGS	324011089213901	M0044 LEAKE	32.66985886	-89.3608998
USGS	324011089230501	M0075 LEAKE	32.66985896	-89.3847892
USGS	324034089583201	G0005 MADISON	32.67624748	-89.975639
USGS	324039090533901	J0027 SHARKEY	32.67763419	-90.8942693
USGS	324048090343801	P0046 YAZOO	32.6801362	-90.5773183
USGS	324049088335701	O0001 KEMPER	32.6804126	-88.5658745
USGS	324113090362801	P0005 YAZOO	32.68708016	-90.6078743
USGS	324200090222901	R0040 YAZOO	32.70013646	-90.3748138
USGS	324305090021801	F0034 MADISON	32.71819108	-90.0384182
USGS	324719090070301	O0003 YAZOO	32.78874525	-90.1175863
USGS	324743089193501	H0034 LEAKE	32.7954116	-89.3264559
USGS	324743089574501	C0026 MADISON	32.7954115	-89.9625837
USGS	324749090553001	G0002 SHARKEY	32.79707488	-90.9251027
USGS	324758090553201	G0016 SHARKEY	32.7995748	-90.9256583
USGS	324800089200001	EDINBURG, MS	32.80013378	-89.3334006
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USGS	324808090111001	N0007 YAZOO	32.80235615	-90.1861985
USGS	324810089583301	C0010 MADISON	32.8029114	-89.9759173
USGS	325026090543701	E0030 SHARKEY	32.8406849	-90.9103799
USGS	325030089523001	A0027 MADISON	32.8417993	-89.8750823
USGS	325201090055601	D0001 YAZOO	32.86707698	-90.098975
USGS	325300090512101	F0016 SHARKEY	32.88346188	-90.8559338
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USGS	325304090384901	E0005 YAZOO	32.88457459	-90.64704
USGS	325326088254401	E0007 KEMPER	32.89068546	-88.4289259
USGS	325332090530601	E0005 SHARKEY	32.8923504	-90.88510129
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USGS	325445089531801	P0012 ATTALA	32.91263154	-89.8884163
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USGS	325525090173201	H0011 YAZOO	32.92374217	-90.2923112
USGS	325528089561701	W0010 HOLMES	32.92457588	-89.9381393
USGS	325538088441701	Q0001 NOXUBEE	32.92735168	-88.7381049
USGS	333635090102801	H0124 LEFLORE	33.60984085	-90.1745292
USGS	333637090274301	L0109 SUNFLOWER	33.6103948	-90.4620323
USGS	333743090255301	F2036 LEFLORE	33.6286111	-90.4313889
USGS	333743090342101	G0008 SUNFLOWER	33.62872704	-90.5725907
USGS	333801088393601	H0006 CLAY	33.63372937	-88.6600479
USGS	334306089262601	A0007 WEBSTER	33.71845119	-89.4406305
USGS	334306090451701	M0017 BOLIVAR	33.71844686	-90.7548192
USGS	334428088493501	B0001 CLAY	33.7412283	-88.8264422
USGS	334430090072501	E2008 GRENADA	33.74166667	-90.1236111
USGS	335221090430801	H0001P BOLIVAR	33.87261195	-90.7189868
USGS	335229090455501	G0501 BOLIVAR	33.8747222	-90.7652778
USGS	335230088372701	K0036 MONROE	33.8751134	-88.6242137
USGS	335642088451501	H0027 CHICKASAW	33.9451126	-88.75421799
USGS	340605090044301	A0007 TALLAHATCHIE	34.10150137	-90.0787014
USGS	340648089190201	B0011 CALHOUN	34.1134425	-89.3172967
USGS	340712090563700	MISSISSIPPI RIVER NEAR HILLHOUSE, MS	34.1201111	-90.9436944
USGS	340919088324801	P0001 LEE	34.1553856	-88.5467143

APPENDIX C

NPDES PERMIT FACILITIES

Table A- 10. All National Pollutant Discharge Elimination System facilities in the Region of Hydrologic Influence. Source: (EPA, 2016).

Registry ID	Name	Type	City	Latitude	Longitude
110002521021	HESS CORPORATION #09337	ICIS-NPDES NON-MAJOR	N FT MYERS	26.625278	-81.872222
110033640987	FORT MYERS VEHICLE MAINTENANCE FACILITY	ICIS-NPDES NON-MAJOR	FORT MYERS	26.594724	-81.858219
110007463798	CIRCLE K #8805	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.618465	-81.990381
110007463798	CIRCLE K #8805	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.618465	-81.990381
110020170991	FORT MYERS DOWNTOWN UTILITY & STREETSCAPE IMPROVEMENTS	ICIS-NPDES NON-MAJOR	FT MYERS	26.645833	-81.866667
110020532529	ZURICH INVESTMENTS	ICIS-NPDES NON-MAJOR	FT. MYERS	26.506111	-81.943056
110032756863	SANTA BARBARA RETAIL ONE	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.603333	-81.974444
110027245023	STONEGATE TORTUGA	ICIS-NPDES NON-MAJOR	FORT MYERS	26.522222	-81.917222
110022452424	BUCKINGHAM ESTATES	ICIS-NPDES NON-MAJOR	FT MYERS	26.675886	-81.771719
110024388633	HAMPTON LAKES AT RIVER HALL PHASE 2	ICIS-NPDES NON-MAJOR	ALVA	26.692222	-81.688056
110022457063	EAST GREENS SUBDIVISION	ICIS-NPDES NON-MAJOR	LEHIGH ACRES	26.635209	-81.594338
110020168575	BAYSHORE PARK OF COMMERCE	ICIS-NPDES NON-MAJOR	N FT MYERS	26.714722	-81.816389
110010047476	CLIFF CANNONS WHEEL ALIGNMENT	ICIS-NPDES NON-MAJOR	FT MYERS	26.635833	-81.8725
110010133186	D&D GROCERY	ICIS-NPDES NON-MAJOR	FORT MYERS	26.640278	-81.841667
110063867436	USACE HHD CULVERT 5A (C-5A)	ICIS-NPDES NON-MAJOR	MOORE HAVEN	26.838534	-81.122883
110020717072	HAWKS HAVEN GOLF COURSE PHASE I	ICIS-NPDES NON-MAJOR	ALVA	26.694722	-81.681389
110021032808	FPL ORANGE RIVER SUBSTATION EX	ICIS-NPDES NON-MAJOR	FT MYERS	26.672778	-81.768611
110041942235	LITTLETON ROAD SIDEWALK PLAN	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.696667	-81.893889
110010047467	GAS STATION	ICIS-NPDES NON-MAJOR	FT MYERS	26.635833	-81.8725
110009130546	MOBIL #02-554	ICIS-NPDES NON-MAJOR	NORTH FT MYERS	26.6807	-81.90136
110021032602	RIVIERA - SAN TROPEZ	ICIS-NPDES NON-MAJOR	FT MYERS	26.65106	-81.85782

110020162893	WAYNE HOMES - LC 228	ICIS-NPDES NON-MAJOR	FT MYERS	26.68074	-81.82233
110032807345	OAKS AT RIVERWALK	ICIS-NPDES NON-MAJOR	FORT MYERS	26.55973	-81.89819
110032789882	APPLEBEE'S	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.64724	-81.98589
110032809450	SKY MANOR - PHASE 2	ICIS-NPDES NON-MAJOR	LABELLE	26.74243	-81.50544
110024566833	OAK RIDGE CENTER	ICIS-NPDES NON-MAJOR	FORT MYERS	26.60232	-81.85691
110024566833	OAK RIDGE CENTER	ICIS-NPDES NON-MAJOR	FORT MYERS	26.60232	-81.85691
110032772284	RAYMOND BUILDING SUPPLY	ICIS-NPDES NON-MAJOR	FT MYERS	26.71514	-81.82627
110028299758	RIVER POINTE	ICIS-NPDES NON-MAJOR	FORT MYERS	26.71839	-81.72648
110037330983	CORBETT SUBSTATION EXPANSION #16	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.69679	-81.92437
110020068317	BOTTLING GROUP, LLC	ICIS-NPDES NON-MAJOR	FORT MYERS	26.64119	-81.83922
110024469387	PENNINGTON PARK	ICIS-NPDES NON-MAJOR	FT MYERS	26.57683	-81.86648
110022461334	ANGELINA TRUSS COMPANY	ICIS-NPDES NON-MAJOR	FT MYERS	26.64564	-81.80818
110032795624	BENCHMARK - LOT 18	ICIS-NPDES NON-MAJOR	FORT MYERS	26.64563	-81.81779
110009069266	PONDELLA CBP	ICIS-NPDES NON-MAJOR	N FT MYERS	26.6675	-81.92917
110032756738	BILLY CREEK COMMERCE CENTER - TRACT G	ICIS-NPDES NON-MAJOR	FORT MYERS	26.6562	-81.80793
110045482205	JMP FARMS STORAGE YARD	ICIS-NPDES NON-MAJOR	FORT MYERS	26.64565	-81.80715
110043754531	MONTPETIT PROPERTY CANAL FILL	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.6145	-81.97435
110037329888	STAR MART	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.56258	-81.94981
110044881232	RACETRAC 985-DEL PRADO	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.60383	-81.94132
110037465347	GLADIOLUS & PINE RIDGE CPD	ICIS-NPDES NON-MAJOR	FORT MYERS	26.51823	-81.93421
110006824035	SP RECYCLING CORP	ICIS-NPDES NON-MAJOR	FT MYERS	26.6541	-81.8025
110043757645	RACETRAC AT EDISON AVE	ICIS-NPDES NON-MAJOR	FORT MYERS	26.63371	-81.87257
110041959191	BUCKINGHAM AIR PARK	ICIS-NPDES NON-MAJOR	FORT MYERS	26.645722	-81.716167
110064333706	7-11 CAPE CORAL PKWY & PALM TR	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.55	-81.95
110063617108	ONE STOP	ICIS-NPDES NON-MAJOR	FORT MYERS	26.50193	-81.9435
110006658982	NORTH TRAIL RV CENTER	ICIS-NPDES NON-MAJOR	FORT MYERS	26.68176	-81.80025
110037144925	HPBC INC	ICIS-NPDES NON-MAJOR	FORT MYERS	26.72107	-81.82856
110037470064	EMERGENCY OPERATIONS CENTER FO	ICIS-NPDES NON-MAJOR	LABELLE	26.70664	-81.50881
110033630104	AVERITT EXPRESS, INC	ICIS-NPDES NON-MAJOR	FORT MYERS	26.63659	-81.82984
110032789301	MAPLE CREST	ICIS-NPDES NON-MAJOR	FORT MYERS	26.61011	-81.85726
110020137458	GLADIOLUS COMMONS	ICIS-NPDES NON-MAJOR	FT MYERS	26.518301	-81.9251
110020169878	HARRIS DERMATOLOGY FACILITY	ICIS-NPDES NON-MAJOR	FORT MYERS	26.504028	-81.918861
110041952688	US-41 LANDSCAPE & IRRIGATION P	ICIS-NPDES NON-MAJOR	FORT MYERS	26.698472	-81.901417
110010123749	WEST GREENS PARCELS A-B-C-D	ICIS-NPDES NON-MAJOR	LEHIGH ACRES	26.635222	-81.594333
110043260672	LCEC 138 KV UNDERGROUND TRANSM	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.565472	-81.950111

110024395634	MOODY RIVER SOUTH	ICIS-NPDES NON-MAJOR	FORT MYERS	26.65253	-81.90453
110046308535	FAMILY DOLLAR - FOWLER & MARKET ST	ICIS-NPDES NON-MAJOR	FORT MYERS	26.63653	-81.86228
110000365177	DEAN STEEL BUILDINGS INC	ICIS-NPDES NON-MAJOR	FORT MYERS	26.62327	-81.85719
110032779759	TEMPLO CRISTIANO LA TESTRELLA	ICIS-NPDES NON-MAJOR	FORT MYERS	26.66024	-81.81215
110032943411	CIRCLE K STORE #2211014	ICIS-NPDES NON-MAJOR	FORT MYERS	26.59732	-81.85813
110046333525	RACETRAC AT US 41	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.71014	-81.90155
110040329098	MCDONALD'S - LC 009-2305	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.69941	-81.8505
110035608713	PALMETTO GROVE AT VERANDAH	ICIS-NPDES NON-MAJOR	FORT MYERS	26.69766	-81.76627
110005638211	GALLOWAY FORD INC	ICIS-NPDES NON-MAJOR	FORT MYERS	26.579543	-81.876761
110024386868	COMMERCIAL SOUTH SUBDIVISION - ENTRADA	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.675556	-81.921667
110024390434	THE VILLAGE AT WHISKEY CREEK I	ICIS-NPDES NON-MAJOR	FT MYERS	26.568889	-81.872222
110028305858	MORRIS MCGREGOR CENTER	ICIS-NPDES NON-MAJOR	FORT MYERS	26.49963	-81.96801
110024467183	7 ELEVEN STORE # 25668	ICIS-NPDES NON-MAJOR	FORT MYERS	26.582	-81.87198
110032760411	PAGE FIELD CENTER	ICIS-NPDES NON-MAJOR	FORT MYERS	26.58783	-81.87198
110032800280	THYSSENKRUPP SAFWAY WORK DRIVE	ICIS-NPDES NON-MAJOR	FORT MYERS	26.62446	-81.84398
110037317579	ORTIZ PLAZA	ICIS-NPDES NON-MAJOR	FORT MYERS	26.65487	-81.81214
110037457702	CAPE FOOD MART	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.56278	-81.95745
110006659008	SUNBELT RENTALS	ICIS-NPDES NON-MAJOR	FORT MYERS	26.65628	-81.80543
110038333069	JESUS THE WORKER CATHOLIC CHUR	ICIS-NPDES NON-MAJOR	FORT MYERS	26.65992	-81.81827
110032806051	SR 78 Y FDOT 404045 "	ICIS-NPDES NON-MAJOR	N/A	26.919444	-81.1225
110024817493	MANDALAY COVE	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.643889	-81.9825
110028291998	AMSOUTH BANK - SUMMERLIN COMMONS	ICIS-NPDES NON-MAJOR	FORT MYERS	26.5809	-81.87807
110022522812	HANSON ROOF TILE FORT MYERS	ICIS-NPDES NON-MAJOR	FORT MYERS	26.56454	-81.85636
110010115650	GULF COAST PRECAST INC	ICIS-NPDES NON-MAJOR	FT MYERS	26.6305	-81.8321
110010115650	GULF COAST PRECAST INC	ICIS-NPDES NON-MAJOR	FT MYERS	26.6305	-81.8321
110020164105	EMERGENCY VET CLINIC	ICIS-NPDES NON-MAJOR	FT MYERS	26.60802	-81.87062
110043750937	LEESAR REGIONAL SERVICE CENTER	ICIS-NPDES NON-MAJOR	FORT MYERS	26.60445	-81.85692
110002559687	FORT MYERS CHRISTIAN CENTER	ICIS-NPDES NON-MAJOR	FORT MYERS	26.613381	-81.862184
110000511704	FIESTA VILLAGE WASTEWATER TREATMENT PLANT	ICIS-NPDES NON-MAJOR	FORT MYERS	26.541007	-81.904178
110000511704	FIESTA VILLAGE WASTEWATER TREATMENT PLANT	NPDES MAJOR	FORT MYERS	26.541007	-81.904178
110009130760	FORMER B&G CHEVRON - DOT	ICIS-NPDES NON-MAJOR	MOORE HAVEN	26.833333	-81.092222
110032758111	LAKE MCGREGOR DRIVE RPD	ICIS-NPDES NON-MAJOR	FORT MYERS	26.541639	-81.910833

110020739094	CABLE WATER SPORT PARK	ICIS-NPDES NON-MAJOR	N FT MYERS	26.72102	-81.82608
110032818752	OSAKA RESTAURANT	ICIS-NPDES NON-MAJOR	FORT MYERS	26.50769	-81.94382
110022412879	CAMPBELL ESTATES	ICIS-NPDES NON-MAJOR	FT MYERS	26.68006	-81.78006
110021033095	SEABOARD STREET OFFICE	ICIS-NPDES NON-MAJOR	FT MYERS	26.65	-81.85358
110020546676	JJ TAYLOR DISTRIBUTION FACILITY	ICIS-NPDES NON-MAJOR	FT MYERS	26.64056	-81.80762
110021032782	MOSSY OAK & RIVER POINT AT VERANDAH	ICIS-NPDES NON-MAJOR	FT MYERS	26.69766	-81.76627
110012808701	BAYSHORE PRECAST CONCRETE, INC	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.71493	-81.82404
110046320450	FL BIOFUELS LLC	ICIS-NPDES NON-MAJOR	FORT MYERS	26.63363	-81.85719
110032762071	STOR-RITE ADDITION EXPANSION HANCOCK CREEK COMMERCE	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.689722	-81.908056
110032808996	NFM ARIZONA PIZZA	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.681867	-81.896961
110035647324	BAYSHORE COMMONS	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.69658	-81.85303
110043725010	DUMONT LABELLE	ICIS-NPDES NON-MAJOR	LABELLE	26.74934	-81.4264
110037479957	ITT WATER & WASTEWATER FLORIDA	ICIS-NPDES NON-MAJOR	FORT MYERS	26.65978	-81.79295
110046330699	SIDEWALK/CANAL MOORE HAVEN ELEMENTARY & JH SCHOOL CAMPUSES	ICIS-NPDES NON-MAJOR	MOORE HAVEN	26.830224	-81.101342
110011842998	RIVERDALE SERVICE & EXHAUST CENTER	ICIS-NPDES NON-MAJOR	FT MYERS	26.70404	-81.74955
110009130948	SPEEDWAY STORE #386	ICIS-NPDES NON-MAJOR	FT. MYERS	26.5971	-81.86058
110044880938	UNCLE BOB'S SELF STORAGE/NORTH FORT MYERS	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.66978	-81.88202
110009130421	CIRCLE K #7262	ICIS-NPDES NON-MAJOR	FORT MYERS	26.705827	-81.869516
110037320020	WINDING RIVER AT VERANDAH	ICIS-NPDES NON-MAJOR	FORT MYERS	26.694722	-81.7625
110022840791	D SAM PLAZA	ICIS-NPDES NON-MAJOR	FORT MYERS	26.666111	-81.744167
110032793412	THE BELANGER RANCH	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.75326	-81.81393
110038335263	MANHEIM FORT MYERS	ICIS-NPDES NON-MAJOR	FORT MYERS	26.64065	-81.82987
110032810260	MCGREGOR BLVD SPA	ICIS-NPDES NON-MAJOR	FORT MYERS	26.53924	-81.91853
110024394895	BRANTLEY COMMONS	ICIS-NPDES NON-MAJOR	FT MYERS	26.56078	-81.88163
110028297288	LA MEXICANA PALM BEACH	ICIS-NPDES NON-MAJOR	FORT MYERS	26.66802	-81.82738
110032795223	FAITH PRESBYTERIAN CHURCH OF CAPE CORAL	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.56742	-81.95777
110006531486	JACK M BERRY INC	ICIS-NPDES NON-MAJOR	ALVA	26.710138	-81.616541
110011337954	EAGLE SUBDIVISION II	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.58042	-81.94249
110011337954	EAGLE SUBDIVISION II	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.58042	-81.94249
110033013334	TITAN FLORIDA LLC	ICIS-NPDES NON-MAJOR	FORT MYERS	26.62683	-81.83083

110025345641	WESTBURY - TRACT G	ICIS-NPDES NON-MAJOR	FORT MYERS	26.62311	-81.84129
110027246308	POCKLINGTON FACILITY	ICIS-NPDES NON-MAJOR	FORT MYERS	26.61998	-81.85702
110024459432	EASTERN INDUSTRIAL - LOT 4 & 5	ICIS-NPDES NON-MAJOR	FORT MYERS	26.62796	-81.82975
110024459432	EASTERN INDUSTRIAL - LOT 4 & 5	ICIS-NPDES NON-MAJOR	FORT MYERS	26.62796	-81.82975
110005622861	RYAN TIRE & PETROLEUM INC	ICIS-NPDES NON-MAJOR	FORT MYERS	26.633425	-81.858666
110022430788	CAPE CORAL SOUTHEAST-UTILITY EXPANSION SOUTHEAST & NORTHCENT	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.63	-81.96
110038332881	SR-80 HENDRY COUNTY	ICIS-NPDES NON-MAJOR	LABELLE	26.761667	-81.409444
110032797052	CALOOSA ISLE YACHT CLUB	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.63937	-81.90887
110021033816	MARK S RV SALES	ICIS-NPDES NON-MAJOR	FT MYERS	26.65734	-81.79705
110010048572	MOBILE SERVICE STATION #02-554	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.6807	-81.90136
110006658562	LEE COUNTY UTILITIES, NORTH RESERVOIR ASR SYSTEM	ICIS-NPDES NON-MAJOR	FORT MYERS	26.64271	-81.87117
110022462306	EDISON MALL RENOVATION	ICIS-NPDES NON-MAJOR	FT MYERS	26.60128	-81.87176
110021032791	FPL GATEWAY SUBSTATION	ICIS-NPDES NON-MAJOR	FT MYERS	26.675886	-81.771719
110041418052	HENDRY COUNTY	ICIS-NPDES NON-MAJOR	LABELLE	26.7464	-81.4286
110038370875	PEARCE CANAL DREDGING	ICIS-NPDES NON-MAJOR	UNINCORPORAT ED	27.12025	-80.895444
110032780765	FINEMARK NATIONAL BANK & TRUST	ICIS-NPDES NON-MAJOR	FORT MYERS	26.55767	-81.89434
110028272982	7-ELEVEN STORE # 25084	ICIS-NPDES NON-MAJOR	FORT MYERS	26.66741	-81.91594
110020167889	MERCANTILE COMMERCE CENTER	ICIS-NPDES NON-MAJOR	N FT MYERS	26.72118	-81.82657
110024386653	OAK CREEK CONDOMINIUMS	ICIS-NPDES NON-MAJOR	FT MYERS	26.65569	-81.91239
110024384584	EVEREST WRP EXPANSION	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.60652	-81.93609
110032759968	AMAZON ENTERPRISES INC	ICIS-NPDES NON-MAJOR	FORT MYERS	26.49679	-81.9718
110022225563	HANCOCK CREEK ELEMENTARY SCHOOL	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.65255	-81.90248
110009072760	TAMIAMI CONCRETE PRODUCTS INC	ICIS-NPDES NON-MAJOR	FORT MYERS	26.56452	-81.85893
110032769127	SOUTHWEST FLORIDA UROLOGIC ASSOCIATES	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.64305	-81.94093
110028300434	SCHOONER BAY PLAZA	ICIS-NPDES NON-MAJOR	FORT MYERS	26.6629	-81.88796
110022413324	VUE CONDOMINIUM	ICIS-NPDES NON-MAJOR	FT MYERS	26.622167	-81.871167
110040765623	SUNCOAST COMMUNITY CENTER	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.716472	-81.866639
110010047412	GULF STATION	ICIS-NPDES NON-MAJOR	FT. MYERS	26.635833	-81.8725
110032779447	HENDRY COUNTY SPECIAL DISTRICT OFFICE	ICIS-NPDES NON-MAJOR	LABELLE	26.752156	-81.385659

110020721566	<u>SHELL POINT</u>	ICIS-NPDES NON-MAJOR	FT MYERS	26.5075	-81.979444
110020569954	<u>BENCHMARK CORPORATE PARK - LOT 8 - PHASE 1</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.64367	-81.82094
110055023987	<u>HARBOUR POINT VILLAS LOT 8 RETAINING WALL</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.510941	-81.979977
110032804650	<u>KELLY RD OFFICE - WAREHOUSE</u>	ICIS-NPDES NON-MAJOR	FT MYERS	26.50896	-81.93432
110032794224	<u>FOWLER STREET</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.60157	-81.86171
110021021482	<u>PALM PARK</u>	ICIS-NPDES NON-MAJOR	FT MYERS	26.630691	-81.865671
110035597958	<u>SUMMERLIN COMMONS</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.577778	-81.878333
110005647675	<u>RINKER MATERIALS - CONCRETE PIPE DIVISION- PLANT CITY</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.641428	-81.812949
110024576902	<u>RIVERSIDE BANK OF THE GULF COAST</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.55647	-81.87748
110020517742	<u>CMC REBAR</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.62825	-81.85448
110020517742	<u>CMC REBAR</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.62825	-81.85448
110020556771	<u>RAIL'S END ESTATES</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.57174	-81.90139
110039518885	<u>PILOT TRAVEL CENTER #352</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.65539	-81.80082
110020530923	<u>BOSTON RED SOX MINOR LEAGUE TRAINING SITE</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.6342	-81.82591
110022225581	<u>PELICAN ELEMENTARY SCHOOL</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.58735	-81.98151
110032771864	<u>LABELLE TRANSFER STATION</u>	ICIS-NPDES NON-MAJOR	LABELLE	26.743438	-81.425993
110024468672	<u>SANTA BARBARA BLVD & HANCOCK BRIDGE PKWY EXTENSION WIDENING</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.63265	-81.95976
110043757574	<u>CRISTOF'S ON MCGREGOR</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.59341	-81.89206
110017414591	<u>LEE COUNTY SOLID WASTE RESOURCE RECOVERY FACILITY</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.631667	-81.761389
110002517713	<u>HESS CORPORATION #09344</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.63717	-81.873025
110005642983	<u>FORT MYERS, CITY OF</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.588456	-81.878742
110032792538	<u>HAWKS PRESERVE</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.71	-81.713333
110012810002	<u>A & D SCRAP MATERIALS INC</u>	ICIS-NPDES NON-MAJOR	FT MYERS	26.620721	-81.858108
110041266867	<u>SWR DEMOLITION AND REMEDIATION</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.605833	-81.858056
110043260627	<u>LEE COUNTY CONSTRUCTION & DEMO</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.634278	-81.761778
110010048466	<u>7-11 #32296</u>	ICIS-NPDES NON-MAJOR	N. FT. MYERS	26.683556	-81.900028
110009110112	<u>GULF HARBOUR UNIT 9 (ADMIRALS</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.53525	-81.9324
110009110452	<u>MIDPOINT MARINA</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.60654	-81.93507
110035630608	<u>LEECO CT</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.5113	-81.93336
110032809842	<u>CHICK-FIL-A</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.60571	-81.99094
110021027501	<u>IONA - HOPE EPISCOPAL CHURCH</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.52042	-81.91323

110046306092	SABAL PALMS	ICIS-NPDES NON-MAJOR	FORT MYERS	26.64436	-81.83641
110020163213	BENT PALM PLAZA	ICIS-NPDES NON-MAJOR	FT MYERS	26.50362	-81.96282
110024390274	BENFIELD SITE	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.65429	-81.9242
110007465304	CIRCLE K #4850	ICIS-NPDES NON-MAJOR	FORT MYERS	26.526667	-81.932222
110020564833	KANTENWEIN	ICIS-NPDES NON-MAJOR	FT MYERS	26.675886	-81.771719
110032760554	PINE ISLAND MARKET PLACE	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.648333	-81.983056
110041268598	SFWMD - C-43 WEST STORAGE RESE	ICIS-NPDES NON-MAJOR	LABELLE	26.687778	-81.4875
110022452406	FIRE STATION #4	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.61514	-81.97421
110032808415	TOTAL TRUCK PARTS	ICIS-NPDES NON-MAJOR	FORT MYERS	26.66079	-81.80486
110033166053	RIVER FOREST YACHTING CENTER	ICIS-NPDES NON-MAJOR	MOORE HAVEN	26.797959	-81.296367
110012677219	TRACTOR SUPPLY CO	ICIS-NPDES NON-MAJOR	FT. MYERS	26.71204	-81.71234
110020520738	LOTS 157 & 158 BILLY CREEK COM	ICIS-NPDES NON-MAJOR	FORT MYERS	26.659444	-81.806944
110010047421	SINCLAIR STATION	ICIS-NPDES NON-MAJOR	FT. MYERS	26.635833	-81.8725
110041948211	REPLACEMENT OF CULVERTS FC-1 &	ICIS-NPDES NON-MAJOR	MOORE HAVEN	26.977917	-81.080472
110012325830	FORT MYERS CONTAINER YARD	ICIS-NPDES NON-MAJOR	FORT MYERS	26.63527	-81.84214
110032756756	CAPE CORAL HOSPITAL - EMERGENCY DEPARTMENT EXPANSION	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.63929	-81.94088
110037472598	NORTH LEE COUNTY RO WELLFIELD	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.72558	-81.8017
110024392922	MAR MAS	ICIS-NPDES NON-MAJOR	FT MYERS	26.51321	-81.94373
110020566403	VAN ROEKEL & VAN ROEKEL	ICIS-NPDES NON-MAJOR	FT MYERS	26.7403	-81.76313
110063606183	LEE INDUSTRIAL PARK LLC	ICIS-NPDES NON-MAJOR	FORT MYERS	26.5655	-81.86121
110056130048	ABC FINE WINE & SPIRITS STORE NO. 98B	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.6106	-81.94111
110056123403	AIRSIDE PERIMETER RD CONSTRUCTION	ICIS-NPDES NON-MAJOR	FORT MYERS	26.591385	-81.863455
110020569231	CANAL ST PROPERTY	ICIS-NPDES NON-MAJOR	FT MYERS	26.634	-81.829694
110043166784	DEAN PARK EMERGENCY PUMPING	ICIS-NPDES NON-MAJOR	FORT MYERS	26.649861	-81.856278
110010048830	BP STATION	ICIS-NPDES NON-MAJOR	MOORE HAVEN	26.833889	-81.096111
110056120282	TRACTOR SUPPLY COMPANY	ICIS-NPDES NON-MAJOR	LABELLE	26.73793	-81.470831
110020723270	SILVER 41 OPEN STORAGE	ICIS-NPDES NON-MAJOR	N FT MYERS	26.68754	-81.88563
110037313877	THE WINDSOR AT CAPE CORAL	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.63606	-81.97418
110063616840	RACE TRAC #967	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.71512	-81.81702
110010047449	TENNECO #180	ICIS-NPDES NON-MAJOR	FT. MYERS	26.537999	-81.92152
110020545720	MOODY RIVER ESTATES	ICIS-NPDES NON-MAJOR	N. FT. MYERS	26.652778	-81.9075
110020551151	HERONS GLEN - SALES CENTER	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.715611	-81.856167
110040764820	DS&S REMANUFACTURING	ICIS-NPDES NON-MAJOR	FT MYERS	26.625583	-81.827306

110040764820	<u>DS&S REMANUFACTURING</u>	ICIS-NPDES NON-MAJOR	FT MYERS	26.625583	-81.827306
110020537613	<u>SOLERA @ HEALTHPARK</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.509722	-81.916667
110028295789	<u>HEALTHPARK FLORIDA-MEDICAL CENTER - LOT 17</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.50482	-81.91279
110032782825	<u>ELEMENTARY SCHOOL U & ORANGE RIVER MIDDLE SCHOOL</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.67094	-81.7913
110032755908	<u>DOLLAR GENERAL</u>	ICIS-NPDES NON-MAJOR	LEHIGH ACRES	26.63528	-81.59748
110040766089	<u>DOLLAR GENERAL LEHIGH ACRES</u>	ICIS-NPDES NON-MAJOR	LEHIGH ACRES	26.618528	-81.59725
110041948934	<u>VERANDAH - CITRUS CREEK/OTTER</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.689722	-81.735556
110041267376	<u>SOUTHWEST FLORIDA REGIONAL MED</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.605278	-81.858056
110020523138	<u>TROPIC SUPPLY WAREHOUSE</u>	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.6668	-81.93308
110044880652	<u>HARNEY POND CANAL</u>	ICIS-NPDES NON-MAJOR	MOORE HAVEN	26.83183	-81.09774
110032759245	<u>THE PINES</u>	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.68667	-81.88315
110005586794	<u>CEMENT INDUSTRIES INC</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.62909	-81.85757
110009129610	<u>7-11 #32209</u>	ICIS-NPDES NON-MAJOR	FT MYERS	26.59677	-81.87763
110020546603	<u>DOCTOR S FAMILY CLINIC</u>	ICIS-NPDES NON-MAJOR	FT MYERS	26.67943	-81.80705
110024459806	<u>CORAL WALK</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.66998	-81.93627
110006153036	<u>SHELL POINT ENERGY FACILITY</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.519219	-81.997183
110006153036	<u>SHELL POINT ENERGY FACILITY</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.519219	-81.997183
110006153036	<u>SHELL POINT ENERGY FACILITY</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.519219	-81.997183
110006153036	<u>SHELL POINT ENERGY FACILITY</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.519219	-81.997183
110015615164	<u>SANTA BARBARA FORCE MAIN UPGRA</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.628333	-81.946611
110012323967	<u>OAK KNOLL & LAKEWOOD IN SHADOW</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.504194	-81.924611
110020549165	<u>LOT 1 MIDPOINT PROFESSIONAL</u>	ICIS-NPDES NON-MAJOR	FT MYERS	26.59197	-81.88114
110022225475	<u>HEIGHTS ELEMENTARY</u>	ICIS-NPDES NON-MAJOR	FT. MYERS	26.52026	-81.92534
110015726035	<u>GRACE UNITED METHODIST CHURCH</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.65159	-81.92905
110032817539	<u>STEAMBOAT YACHT CLUB</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.68746	-81.79289
110024395536	<u>BENCHMARK 24</u>	ICIS-NPDES NON-MAJOR	FT MYERS	26.65042	-81.81836
110024393887	<u>MOODY RIVER NORTH</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.660194	-81.906306
110024397428	<u>SATURN DEALERSHIP</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.653889	-81.97
110035654949	<u>AMSOUTH BANK - VERANDAH</u>	ICIS-NPDES NON-MAJOR	FT MYERS	26.7004	-81.7635
110043169399	<u>LABELLE AIRPORT T-HANGAR DEVEL</u>	ICIS-NPDES NON-MAJOR	LABELLE	26.626111	-81.331944
110028303501	<u>SAN CARLOS CENTER</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.51054	-81.94377
110038522195	<u>BAUM RESIDENCE</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.62095	-81.88779
110024385342	<u>MAJORCA PALMS P U D</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.65903	-81.81215

110022457928	<u>CAPE CORAL SKATE PARK</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.64389	-81.97844
110040333118	<u>PUBLIX AT EAGLE LANDING</u>	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.69972	-81.84974
110037934910	<u>CULVERT IMPROVEMENTS CARRELL R</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.61168	-81.8704
110028305741	<u>GATOR GOLF CARS</u>	ICIS-NPDES NON-MAJOR	LABELLE	26.70888	-81.53741
110041265387	<u>VERONICA S. SHOEMAKER BLVD.</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.645833	-81.84
110040764973	<u>NELSON COMMERCIAL DEVELOPMENT</u>	ICIS-NPDES NON-MAJOR	LABELLE	26.635833	-81.565278
110020167870	<u>VRC STORAGE FACILITY</u>	ICIS-NPDES NON-MAJOR	FT MYERS	26.56709	-81.85932
110015725465	<u>BILLY CREEK COMMERCE CENTER LOT 68A</u>	ICIS-NPDES NON-MAJOR	FT MYERS	26.66241	-81.80453
	<u>PHASE 2</u>				
110024811890	<u>I-75 ORANGE RIVER BOULEVARD PARCEL</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.68185	-81.79582
110022429549	<u>LANGFORD - KINGSTON HOUSE</u>	ICIS-NPDES NON-MAJOR	FT MYERS	26.64668	-81.8657
110024385869	<u>LCEC SERVICE STORAGE CENTER</u>	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.67844	-81.87655
110045485710	<u>JAY ROCK MINE</u>	ICIS-NPDES NON-MAJOR	PUNTA GORDA	26.79899	-81.77893
110015732778	<u>KREHLING INDUSTRIES MOORE HAVEN</u>	ICIS-NPDES NON-MAJOR	MOORE HAVEN	26.821861	-81.108389
	<u>PLANT #15</u>				
110020740019	<u>MARINER S COVE AMENDMENT TO</u>	ICIS-NPDES NON-MAJOR	N FT MYERS	26.687417	-81.856389
	<u>DEVELOPMENT ORDER</u>				
110042098271	<u>AUTO PARTS SALVAGE INC.</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.6325	-81.846111
110038370759	<u>STATE ROAD 867 (MCGREGOR BLVD.</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.586944	-81.894722
110012809559	<u>MOBIL SERVICE STATION RAS NO.</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.603972	-81.974694
110032792486	<u>THE WATERS AT PEPPERTREE POINTE</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.525833	-81.954167
110028300201	<u>LABELLE TIRE & OIL SERVICE</u>	ICIS-NPDES NON-MAJOR	LABELLE	26.7469	-81.45208
110020553694	<u>LAREDO STORAGE YARD</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.64538	-81.81566
110033633254	<u>CORNERSTONE BUILDING & REMODEL</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.66424	-81.8002
110020738889	<u>RWA INC</u>	ICIS-NPDES NON-MAJOR	FT MYERS	26.6415	-81.87306
110037469600	<u>MCGREGOR COMMERCIAL CENTER FKA</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.54239	-81.91545
110037318186	<u>HARP CENTER</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.70935	-81.72329
110002526231	<u>PRESS PRINTING ENTERPRISES INC</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.623987	-81.839217
110032809049	<u>BENCHMARK - BUILDING #2</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.647889	-81.821269
110022452353	<u>FIRE STATION #3</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.606667	-81.938889
110038521944	<u>CR-720 WIDENING & RESURFACING</u>	ICIS-NPDES NON-MAJOR	LABELLE	26.828056	-81.530833
110037475773	<u>FT DENAUD 293 LLC</u>	ICIS-NPDES NON-MAJOR	UNINCORPORATED	26.734194	-81.515389
110040766944	<u>PAHOKEE CAMPGROUND SHORELINE P</u>	ICIS-NPDES NON-MAJOR	PAHOKEE	26.828111	-80.661611
110010047591	<u>HANDY FOOD STORE #85</u>	ICIS-NPDES NON-MAJOR	LABELLE	26.766667	-81.45

110032766585	<u>SONIC DRIVE-IN</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.68198	-81.89857
110028296387	<u>ST MICHAEL EVANGELICAL LUTHERAN CHURCH</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.61038	-81.86724
110024395590	<u>HOTEL MONACO</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.64792	-81.86345
110020525911	<u>FORT MYERS ROUTE 80 MINI STORAGE FACILITY</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.6982	-81.77083
110033167409	<u>HIBISCUS ISLES</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.65	-81.8119
110012808710	<u>BENTON EXPRESS</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.62796	-81.82975
110012808710	<u>BENTON EXPRESS</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.62796	-81.82975
110032943402	<u>CIRCLE K STORE #2211005</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.61037	-81.87199
110020739030	<u>GULF REFLECTIONS</u>	ICIS-NPDES NON-MAJOR	FT MYERS	26.501049	-81.93525
110028293736	<u>MI BANDERA</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.63648	-81.74589
110032943395	<u>CIRCLE K STORE #2211004</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.66641	-81.83027
110054126049	<u>CYPRESS TRAIL RV RESORT</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.67103	-81.78437
110027856363	<u>HAPPY CHAPIN FOOD BANK</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.64644	-81.81181
110022841102	<u>COLONIAL PARK OFFICE COMPLEX</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.59679	-81.88643
110024816760	<u>RIVER HALL COUNTRY CLUB, TRACT</u>	ICIS-NPDES NON-MAJOR	ALVA	26.692722	-81.6895
110020561131	<u>PEACE LUTHERAN CHURCH</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.51134	-81.95278
110021022613	<u>RK REFRIGERATION LOT #153</u>	ICIS-NPDES NON-MAJOR	FT MYERS	26.66006	-81.80687
110035604307	<u>ENTRADA LAND CLEARING</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.72147	-81.91423
110022456224	<u>PINE KEY CROSSING</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.6702	-81.92228
110020571264	<u>6 UNIT RESIDENTIAL BUILDING</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.58042	-81.95104
110022457358	<u>PLAZA 41 SOUTH</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.55961	-81.87175
110024810383	<u>GLADIOLUS PRESERVE - TRACT F</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.51954	-81.91553
110005660454	<u>HEINZ NORTH AMERICA, FORT MYERS</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.665522	-81.802444
110020137476	<u>INTERIM ACADEMIC VILLAGE - GOVERNMENT OFFICE COMPLEX</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.632778	-81.960833
110027852919	<u>LEGACY HARBOUR</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.641389	-81.874694
110024395698	<u>PORTICO</u>	ICIS-NPDES NON-MAJOR	FT MYERS	26.689222	-81.704972
110024395698	<u>PORTICO</u>	ICIS-NPDES NON-MAJOR	FT MYERS	26.689222	-81.704972
110024395698	<u>PORTICO</u>	ICIS-NPDES NON-MAJOR	FT MYERS	26.689222	-81.704972
110020738932	<u>VILLAGE AT ENTRADA (PRIORITY D</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.718611	-81.9175
110015616948	<u>VERANDAH PHASE 1A - MAINTENANC</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.7	-81.75
110033630765	<u>PRINTER S INK INTERNATIONAL</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.59926	-81.87334
110010046208	<u>HESS #09335</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.56276	-81.95625
110038182463	<u>KICKAPOO CREEK IMPROVEMENTS AT</u>	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.72002	-81.76328

110025310571	<u>KUHLMAN CONCRETE LLC</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.62941	-81.82978
110020555905	<u>MID POINT PLAZA</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.631389	-81.973889
110015612069	<u>ENTRADA OFF-SITE UTILITIES - N</u>	ICIS-NPDES NON-MAJOR	N. FT. MYERS	26.708333	-81.916667
110015610445	<u>UNIVERSITY CLUB APARTMENTS</u>	ICIS-NPDES NON-MAJOR	FT. MYERS	26.583333	-81.866667
110020163491	<u>CASCADES AT HAWKS HAVEN PHASES 1 AND 2</u>	ICIS-NPDES NON-MAJOR	ALVA	26.699167	-81.707778
110041956755	<u>MIDPOINT TOLL PLAZA ONE WAY CO</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.607778	-81.932222
110041267214	<u>TIMBERBEND DRAINAGE IMPROVEMEN</u>	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.718333	-81.772222
110035660807	<u>SHED TO GO</u>	ICIS-NPDES NON-MAJOR	LABELLE	26.70985	-81.527941
110043751570	<u>CHASE BANK - COLLEGE & SOUTH POINTE BRANCH</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.55656	-81.90524
110024383335	<u>SEA BREEZE LOFTS</u>	ICIS-NPDES NON-MAJOR	FT MYERS	26.52067	-81.95215
110015730075	<u>NORTH FORT MYERS MEMBER SERVICE FACILITY</u>	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.68198	-81.8993
110054949981	<u>INSURANCE AUTO AUCTIONS EXPANSION</u>	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.66847	-81.91149
110032795893	<u>ORANGE RIVER HOUSE</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.68593	-81.75025
110027251177	<u>NALLE GRADE SUBSTATION</u>	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.718889	-81.853611
110027251177	<u>NALLE GRADE SUBSTATION</u>	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.718889	-81.853611
110041957825	<u>HAMAN RANCH</u>	ICIS-NPDES NON-MAJOR	LABELLE	26.756111	-81.243889
110024579311	<u>1ST BANK OF CLEWISTON - RIVERDALE BRANCH</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.7004	-81.76345
110030994379	<u>SUNOCO #0611-5935</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.5971	-81.86058
110024817509	<u>BORTON VOLVO</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.59713	-81.85955
110020524547	<u>PARK VIEW APARTMENTS</u>	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.68648	-81.88726
110021027182	<u>CITY OF FT MYERS PHASE III - C UTILITY IMPROVEMENTS AREA 3</u>	ICIS-NPDES NON-MAJOR	FT MYERS	26.62218	-81.871156
110032767762	<u>DRAKE</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.495056	-81.976889
110035461372	<u>SE1 - NW</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.628333	-81.946667
110037984857	<u>PAGE FIELD TERMINAL BUILDING &</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.5841	-81.8703
110024576190	<u>KREMSKI</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.64225	-81.81172
110012579628	<u>THE EMMETTE P WAITE JR PUBLIC WORKS CENTER</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.64129	-81.82778
110024810846	<u>BETMAR BUILDING</u>	ICIS-NPDES NON-MAJOR	FT MYERS	26.6721	-81.89525

110032761054	<u>COMMERCIAL SITE OFFICE BUILDING</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.64419	-81.98572
110024816485	<u>JOHNSON ENGINEERING INC - OFFICE</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.63901	-81.87328
110032791307	<u>BUILDING & PARKING LOT</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.595556	-81.876389
110040321648	<u>POINCIANA PROFESSIONAL</u>	ICIS-NPDES NON-MAJOR	BELLE GLADE	26.70484	-80.71905
110039022919	<u>BELLE GLADE MARINA</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.596667	-81.880278
110041944741	<u>COLONIAL BOULEVARD FROM MCGREG</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.692222	-81.739167
110015612675	<u>LAKEVIEW EAST AND WEST AT VERA</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.57283	-81.90102
110028298312	<u>PALMS OF MCGREGOR</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.50935	-81.95536
110022844172	<u>SANIBEL CAPTIVA COMMUNITY BANK</u>	ICIS-NPDES NON-MAJOR	N FORT MYERS	26.72151	-81.82609
110037323857	<u>BAYSHORE INDUSTRIAL PARK - LOT 2</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.59683	-81.88506
110040320587	<u>MATERA BAY PLAZA</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.64227	-81.8691
110037317221	<u>ADMINISTRATION EAST PHASE 5</u>	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.66854	-81.88302
110027366865	<u>UNCLE BOB S SELF STORAGE</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.64442	-81.81176
110032795731	<u>SUNCOAST COMMERCE PARK</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.7015	-81.75998
110032784958	<u>WALGREEN S AT VERANDAH</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.67179	-81.93248
110044875999	<u>THE OLIVE GARDEN</u>	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.72938	-81.83528
110018875234	<u>NORTH LEE COUNTY RO WELLFIELD</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.642288	-81.822712
110042249910	<u>EXPANSION PHASE IIB</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.626944	-81.842222
110024577457	<u>WASTE CORPORATION OF FLORIDA - C & D</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.673056	-81.801389
110040765482	<u>RECYCLING</u>	ICIS-NPDES NON-MAJOR	LABELLE	26.760278	-81.451111
110010048858	<u>CL NOONAN DISPOSAL</u>	ICIS-NPDES NON-MAJOR	MOORE HAVEN	26.833333	-81.093611
110022460861	<u>TROPIC TRAILER</u>	ICIS-NPDES NON-MAJOR	FT MYERS	26.65793	-81.80695
110032771258	<u>C-43 WEST RESERVOIR AREA 4, HE</u>	ICIS-NPDES NON-MAJOR	MOORE HAVEN	26.84049	-81.12286
110032803107	<u>FDOT FORMER C&K BULK OIL</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.63857	-81.87034
110027248672	<u>LOTS 159 & 160 BILLY CREEK COM</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.64804	-81.98413
110006780732	<u>CELL HOUSING - BUILDING 4 GLADES</u>	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.66752	-81.93028
110032772792	<u>CORRECTIONAL FACILITY</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.516944	-81.955556
110027366455	<u>LEE COUNTY JUSTICE CENTER</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.601667	-81.974444
110043169362	<u>FLORIDA TROPICAL FARMS COMMERCIAL</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.667222	-81.816389
110015616804	<u>DEVELOPMENT - LOT 58</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.7	-81.75
110021029661	<u>CAPE CORAL READY MIX</u>	ICIS-NPDES NON-MAJOR	FT MYERS	26.6375	-81.806444
	<u>ST COLUMBKILLE CHURCH</u>				
	<u>SANTA BARBARA RETAIL TWO</u>				
	<u>HOPE INTERNATIONAL MINISTRIES</u>				
	<u>VERANDAH PHASE 1A - RIVER VILL</u>				
	<u>WEIGER-PARK 82 FORT MYERS EXPA</u>				

110044875980	<u>NORTH LEE COUNTY RO WELLFIELD EXPANSION</u>	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.72786	-81.83142
110032784459	<u>RIVER HALL - PARCEL K</u>	ICIS-NPDES NON-MAJOR	ALVA	26.69371	-81.67306
110054121142	<u>FAMILY DOLLAR - PALM BEACH</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.67536	-81.81429
110035750318	<u>RIVERGLEN PROPERTIES</u>	ICIS-NPDES NON-MAJOR	ALVA	26.71177	-81.64467
110027367677	<u>LEE COUNTY SHERIFF'S CORRECTIO</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.63366	-81.81152
110015728220	<u>PALM BEACH PROFESSIONAL PARK</u>	ICIS-NPDES NON-MAJOR	FT MYERS	26.7103	-81.71831
110024396116	<u>FLORIDA ROCK</u>	ICIS-NPDES NON-MAJOR	LABELLE	26.738611	-81.430833
110002539833	<u>PALL AEROPOWER CORP FORT MYERS</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.600774	-81.856806
110020551473	<u>PHASE 2 HERONS GLEN CONSTRUCTI</u>	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.715611	-81.856167
110020551918	<u>BRANTLEY ROAD OFFICE DEVELOPME</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.576667	-81.890833
110022455993	<u>SE1 - NE</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.628333	-81.946667
110040765106	<u>DR MARTIN LUTHER KING JR BLVD</u>	ICIS-NPDES NON-MAJOR	LABELLE	26.755556	-81.449167
110015616038	<u>THE SHOPPES AT PLANTATION, PHA</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.640278	-81.8725
110045486639	<u>LUCAYA PESO DEL RIO</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.52554	-81.92699
110033630060	<u>ABF FREIGHT SYSTEM, INC</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.64616	-81.82041
110024874439	<u>SUNOCO STATION #0611-5968</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.70966	-81.72103
110035610014	<u>EL PUBLIETO PAISA</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.66612	-81.81231
110054108498	<u>SR 93 (I-75) FROM SOUTH OF SR 78 TO CHARLOTTE COUNTY LINE</u>	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.7339	-81.8501
110054129885	<u>FPID 425127-1-52-01</u>	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.6694	-81.8921
110032812204	<u>ABC FINE WINE & SPIRITS #74</u>	ICIS-NPDES NON-MAJOR	ESTERO	26.557033	-81.871852
110028293193	<u>CARISSA OUT PARCEL ONE</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.63511	-81.84292
110037312155	<u>PALM POINTE SHOPPES</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.571639	-81.871885
110037322750	<u>MODERN SERVICE STORAGE YARD</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.66665	-81.803189
110037319559	<u>MID OAKS MINE</u>	ICIS-NPDES NON-MAJOR	MOORE HAVEN	26.76836	-81.22584
110032786698	<u>ISLAND COVE CONDOMINIUMS - BUI</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.61738	-81.93531
110046305583	<u>SR 29</u>	ICIS-NPDES NON-MAJOR	LABELLE	26.7667	-81.4374
110055242116	<u>CYPRESS LAKE UNITED METHODIST CHURCH</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.54598	-81.89673
110055248655	<u>THE LANDINGS GOLF COURSE RENOVATION</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.552073	-81.914089
110055203248	<u>SECTION 10</u>	ICIS-NPDES NON-MAJOR	LEHIGH ACRES	26.66198	-81.59793
110055202668	<u>RIVER LANDINGS</u>	ICIS-NPDES NON-MAJOR	FORT DENAUD	26.70973	-81.533027
110055193954	<u>GLADES COUNTY EMERGENCY OPERATIONS CENTER</u>	ICIS-NPDES NON-MAJOR	MOORE HAVEN	26.84001	-81.126213

110055095837	STATE ROAD 29 DRAINAGE IMPROVEMENTS	ICIS-NPDES NON-MAJOR	UNINCORPORATED	26.8214	-81.4047
110055207672	JEAN DEVERAUX APARTMENTS	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.689764	-81.895837
110035629512	LEE COUNTY MEMORIAL HOSP HEALTHPARK	ICIS-NPDES NON-MAJOR	FORT MYERS	26.507389	-81.912908
110035629512	LEE COUNTY MEMORIAL HOSP HEALTHPARK	ICIS-NPDES NON-MAJOR	FORT MYERS	26.507389	-81.912908
110058283156	THE MCGREGOR BUILDING	ICIS-NPDES NON-MAJOR	FORT MYERS	26.5608	-81.90871
110057189359	CAPE CORAL UTILITIES	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.63265	-81.95976
110056397750	THALLE CONSTRUCTION CO., INC.	ICIS-NPDES NON-MAJOR	MOORE HAVEN	26.838534	-81.122883
110059666437	LEE COUNTY VETERANS ADMINISTRATION HEALTHCARE CENTER	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.68357	-81.92053
110058918220	WILBERT FUNERAL SERVICES, INC.	ICIS-NPDES NON-MAJOR	FORT MYERS	26.56452	-81.85893
110058284100	GOLISANO CHILDREN'S HOSPITAL SW FL	ICIS-NPDES NON-MAJOR	FORT MYERS	26.50466	-81.91297
110056400906	HANCOCK CREEK ASSISTED LIVING FACILITY	ICIS-NPDES NON-MAJOR	FORT MYERS	26.66043	-81.8941
110058924062	WAWA	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.66707	-81.94107
110056344512	NEW CONTAINMENT AREAS & SITE IMPROVEMENTS	ICIS-NPDES NON-MAJOR	FORT MYERS	26.62936	-81.82977
110056988498	ADULT DAY CARE FACILITY	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.71089	-81.88523
110024876516	FORT MYERS YACHT BASIN	ICIS-NPDES NON-MAJOR	FORT MYERS	26.64739	-81.86943
110024876516	FORT MYERS YACHT BASIN	ICIS-NPDES NON-MAJOR	FORT MYERS	26.64739	-81.86943
110024390684	STARZ RESTAURANT & PIZZERIA	ICIS-NPDES NON-MAJOR	FT MYERS	26.504284	-81.961955
110044878558	HERBERT HOOVER DIKE REHAB & REPAIR - CULVERTS 11 & 16 REPLAC	ICIS-NPDES NON-MAJOR	CANAL POINT	26.95001	-80.609522
110035748402	UNIVERSITY 4	ICIS-NPDES NON-MAJOR	FORT MYERS	26.555059	-81.884014
110022461110	TERRAPIN SHORES AKA VERIDIAN	ICIS-NPDES NON-MAJOR	FT MYERS	26.505066	-81.960937
110020735418	BILLY CREEK COMMERCE CENTER LOT 118 PHASE 4	ICIS-NPDES NON-MAJOR	FORT MYERS	26.665853	-81.804526
110040608615	COUNTRY FOOD STORE	ICIS-NPDES NON-MAJOR	LABELLE	26.7469	-81.45017
110028294600	DEL PRADO WWTP EXPANSION	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.72588	-81.90052
110043757459	EDISON MALL IMTC	ICIS-NPDES NON-MAJOR	FORT MYERS	26.598504	-81.866047
110022460969	UNITED MARTIAL ARTS STUDIO	ICIS-NPDES NON-MAJOR	FT MYERS	26.565548	-81.85728
110039023204	J & B BORROW PIT	ICIS-NPDES NON-MAJOR	LABELLE	26.762026	-81.527114
110038332373	FREEDOM FELLOWSHIP SITE IMPROV	ICIS-NPDES NON-MAJOR	LABELLE	26.78071	-81.43784

110020537748	<u>ARBOR BUILDING AT SHELL POINT</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.50701	-81.98635
110022456723	<u>ANDREWS MEDICAL CENTER</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.646801	-81.940997
110033630088	<u>PALM PRINTING STRATEGIC SOLUTI</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.640861	-81.866683
110020729194	<u>SHELL STATION - 4600</u>	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.68209	-81.8797
110038179949	<u>POLLYWOG CREEK COMMONS</u>	ICIS-NPDES NON-MAJOR	LABELLE	26.75097	-81.43806
110015615486	<u>FMY AIRPORT HANGARS</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.64347	-81.71654
110015727659	<u>DRUG STORE AT GULF POINT SHOPPING CENTER</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.514288	-81.943891
110032817860	<u>TRAILHEAD PARK - RECREATIONAL FACILITY</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.62312	-81.83978
110044239918	<u>SOUTHLAND LAKES</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.65633	-81.79747
110015614995	<u>KELLY RD APARTMENTS & CLUBHOUSE</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.511384	-81.952715
110009076169	<u>UNIVERSAL PIPE & STEEL SUPPLY</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.63795	-81.83271
110020168307	<u>LA PLAZA 2</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.595639	-81.941672
110022419970	<u>FMY - PHASE IV T - HANGERS & SE RAMP EXTENSION</u>	ICIS-NPDES NON-MAJOR	FT MYERS	26.58145	-81.86201
110024383460	<u>PUBLIC SAFETY BUILDING - TRAILHEAD PARK</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.62312	-81.83978
110021033228	<u>FT MEYERS YACHT CLUB</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.654753	-81.852977
110037329370	<u>CAPE CORAL POLICE DEPARTMENT HEADQUARTERS</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.631406	-81.959949
110025337589	<u>UTILITY IMPROVEMENT PROJECT - PHASE 3C - AREA 7</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.630823	-81.860929
110032764480	<u>CRANFORD AVE EXTENSION</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.62393	-81.8582
110012324298	<u>PAGE FIELD - ANGLED EXIT TAXIWAYS</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.591385	-81.863455
110046290937	<u>GULF HARBOUR GOLF YACHT & COUNTRY CLUB LAKE BANK STABILIZATI</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.52612	-81.93401
110020569776	<u>TREVI</u>	ICIS-NPDES NON-MAJOR	FT MYERS	26.56421	-81.91246
110020535633	<u>TICE FIRE STATION - LEXINGTON COMMERCE CENTER</u>	ICIS-NPDES NON-MAJOR	FT. MYERS	26.672636	-81.802907
110040332324	<u>DS&S REMANUFACTURING</u>	ICIS-NPDES NON-MAJOR	FT MYERS	26.62691	-81.82768
110009109730	<u>SHORES AT GULF HARBOUR PHASE 3</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.53735	-81.93668
110032818672	<u>INK HANCOCK COMMERCIAL</u>	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.66353	-81.89116
110020727640	<u>CHILDREN S PROPERTIES MEDICAL OFFICE DEVELOPMENT</u>	ICIS-NPDES NON-MAJOR	FT MYERS	26.510985	-81.915179
110020137092	<u>VAN LOON LANE OFFICE - FLEX SPACE</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.65281	-81.966437

110024399569	<u>SUNSPORTS</u>	ICIS-NPDES NON-MAJOR	FT MYERS	26.64431	-81.84081
110024385057	<u>VERONICA BUSINESS PARK</u>	ICIS-NPDES NON-MAJOR	FT MYERS	26.64431	-81.84081
110022413501	<u>US-41 SELF STORAGE FACILITY</u>	ICIS-NPDES NON-MAJOR	N FT MYERS	26.670224	-81.889069
110037315287	<u>ELMWOOD TERRACE</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.614698	-81.8599
110032811679	<u>CT WELDING</u>	ICIS-NPDES NON-MAJOR	LABELLE	26.740706	-81.431561
110015616056	<u>THE PARKWOOD BUILDING AT SHELL POINT</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.50701	-81.98635
110020530683	<u>RESIDENCE AT EDISON MALL</u>	ICIS-NPDES NON-MAJOR	FT. MYERS	26.599765	-81.865899
110036470324	<u>ACADEMY OF THE ARTS</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.70709	-81.88173
110033630694	<u>ACE PRESS, INC</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.637872	-81.868528
110032800672	<u>THE ESTUARY</u>	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.62783	-81.91984
110024396278	<u>RED RABBIT C-STORE</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.515927	-81.942668
110032790479	<u>USNGA - RENOVATIONS & ADDITIONS</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.65554	-81.84439
110038374452	<u>LUCAYA</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.53046	-81.928696
110022425240	<u>SABAL COVE</u>	ICIS-NPDES NON-MAJOR	FT MYERS	26.49797	-81.97788
110020135904	<u>OAK HAMMOCK OFFICE PARK AT WHISKEY CREEK</u>	ICIS-NPDES NON-MAJOR	FT MYERS	26.557588	-81.888739
110032808567	<u>SOUTHWEST FLORIDA ENTERPRISE C</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.64131	-81.83357
110024458193	<u>10-ACRE HOUSING PROJECT AT ORTIZ AVE - VERA CRUZ</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.666447	-81.812323
110035598582	<u>EMS HANGAR FACILITY</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.593405	-81.864676
110037468745	<u>CITY OF CAPE CORAL POLICE DEPA</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.631304	-81.959946
110015621914	<u>CALOOSA FOREST</u>	ICIS-NPDES NON-MAJOR	ALVA	26.711875	-81.578663
110028292773	<u>THE LABELLE COWBOY WAY COMMERCE CENTER II</u>	ICIS-NPDES NON-MAJOR	LABELLE	26.74698	-81.4246
110038336262	<u>WEDGWARDS INC</u>	ICIS-NPDES NON-MAJOR	MOORE HAVEN	26.79341	-81.08258
110010044576	<u>VILLAGES OF COCONUT CREEK</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.510459	-81.96802
110020552748	<u>SHOPPES AT BEACHWALK</u>	ICIS-NPDES NON-MAJOR	FT MYERS	26.512202	-81.943026
110020562443	<u>MELLOW ESTATES</u>	ICIS-NPDES NON-MAJOR	N FORT MYERS	26.726347	-81.871447
110060359008	<u>CORAL ROCK BLOCK PLANT</u>	ICIS-NPDES NON-MAJOR	PUNTA GORDA	26.79882	-81.76245
110060352906	<u>FORT MYERS COUNTRY CLUB</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.61028	-81.88509
110033171644	<u>BEALL S - MERCHANT S CROSSING</u>	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.68234	-81.906305
110021023685	<u>FLORIDA CANCER SPECIALISTS</u>	ICIS-NPDES NON-MAJOR	FT MYERS	26.6465	-81.84083
110060364751	<u>MCDONALD'S CLEVELAND REBUILD</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.60951	-81.87198
110062662872	<u>7-ELEVEN STORE #37148 N FT MYERS</u>	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.68768	-81.86587

110062633627	<u>WAWA INC</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.66781	-81.9407
110062634788	<u>COLLEGE & WHISKEY CREEK</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.559625	-81.888774
110062671210	<u>CYPRESS COVE SITE IMPROVEMENTS</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.50525	-81.916
	<u>PHASES 3, 4, AND 5</u>				
110011352801	<u>LABELLE MUNICIPAL AIRPORT</u>	ICIS-NPDES NON-MAJOR	LABELLE	26.746887	-81.433379
110045484276	<u>POWELL CREEK RESTORATION DREDGE -</u>	ICIS-NPDES NON-MAJOR	NORTH FORT	26.6744	-81.8717
	<u>SPOIL PLACEMENT SITE</u>		MYERS		
110045493097	<u>SR 867 (MCGREGOR BLVD)</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.5586	-81.9098
110045493097	<u>SR 867 (MCGREGOR BLVD)</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.5586	-81.9098
110045492301	<u>LAKE OKEECHOBEE SCENIC TRAIL</u>	ICIS-NPDES NON-MAJOR	MOORE HAVEN	26.8692	-81.1109
110045489949	<u>WATROUS PLANTATION</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.5194	-81.9598
110045493934	<u>HANSON STREET & SUNSET ROAD UTILITY</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.6224	-81.876
	<u>REPLACEMENT</u>				
110044887209	<u>S-193 NAVIGATIONAL LOCK</u>	ICIS-NPDES NON-MAJOR	OKEECHOBEE	27.2071	-80.7972
	<u>REFURBISHMENT</u>				
110044267986	<u>HANSON STREET SIDEWALKS</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.6183	-81.8725
110056346627	<u>MARAVILLA CICLE WATER MAIN</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.6165	-81.8707
	<u>REPLACEMENT</u>				
110055626443	<u>SABAL PALM NEIGHBORHOOD</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.6444	-81.8368
110055626498	<u>COMMUNITY REDEVELOPMENT AGENCY</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.5616	-81.9477
	<u>DEMONSTRATION PROJECT PHASE 1</u>				
110032798532	<u>HARP COMMERCIAL CENTER</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.665276	-81.933358
110027369470	<u>HANDY FOOD STORE # 52</u>	ICIS-NPDES NON-MAJOR	MOORE HAVEN	26.833425	-81.099761
110037322368	<u>SR-80 SR-31 CPD</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.697628	-81.772762
110058926293	<u>CHANNELSIDE</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.5202	-81.9372
110045511102	<u>WILLIAMS ROAD IMPROVEMENTS</u>	ICIS-NPDES NON-MAJOR	MOORE HAVEN	26.7981	-81.3039
110043743429	<u>SR 25 (US 27) FROM HENDRY COUNTY LINE</u>	ICIS-NPDES NON-MAJOR	MOORE HAVEN	26.8211	-81.0825
	<u>TO A PT N OF OLD US27</u>				
110045481894	<u>POWELL CREEK PRESERVE FILTER MARSH</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.6913	-81.8697
110037331214	<u>THE BROADLANDS</u>	ICIS-NPDES NON-MAJOR	ALVA	26.725499	-81.655324
110056123298	<u>WOODHAVEN SUBDIVISION AT VERANDAH</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.6977	-81.73
110043746925	<u>I75/SR80 411038-1-52-01/411042-1-52-01</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.6713	-81.7997
110056132242	<u>CELEBRATION CAPE AT PINWOOD LAKES</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.6378	-81.9711
110056403235	<u>NICODEMUS SLOUGH</u>	ICIS-NPDES NON-MAJOR	MOORE HAVEN	26.9224	-81.1902
110060353148	<u>HERBERT HOOVER DIKE</u>	ICIS-NPDES NON-MAJOR	MOORE HAVEN	26.971	-81.1171
110060361594	<u>ORTONA ROAD</u>	ICIS-NPDES NON-MAJOR	MOORE HAVEN	26.7993	-81.3167
110044242209	<u>TORTUGA (FKA STONEGATE/TORTUGA)</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.5222	-81.9172

110044239794	<u>FGUA WATERWAY ESTATES FORCEMAIN INTERCONNECT</u>	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.6652	-81.9102
110044876275	<u>S.R.- 78 FROM SHARPS BEND CANAL TO U.S.- 27</u>	ICIS-NPDES NON-MAJOR	MOORE HAVEN	26.8236	-81.1955
110044255560	<u>ARLINGTON OAKS IN THE VERANDAH</u>	ICIS-NPDES NON-MAJOR	FT MYERS	26.7023	-81.7322
110058924197	<u>FORTILE STONES</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.61938	-81.86199
110011336964	<u>CORAL COVE APARTMENTS</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.617337	-81.935987
110011336964	<u>CORAL COVE APARTMENTS</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.617337	-81.935987
110056991787	<u>RIVER FOREST YACHTING CENTER</u>	ICIS-NPDES NON-MAJOR	MOORE HAVEN	26.797932	-81.292229
110043740440	<u>EDISON STATE COLLEGE - STUDENT HOUSING</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.556947	-81.888423
110055485997	<u>LOVE'S TRAVEL STOP & COUNTRY STORE</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.71373	-81.81596
110012754046	<u>M-31 MARINA LLC</u>	ICIS-NPDES NON-MAJOR	FT MYERS	26.712545	-81.760301
110020522166	<u>TARRAGON AT BILLY S CREEK</u>	ICIS-NPDES NON-MAJOR	FT. MYERS	26.65198	-81.85617
110020136280	<u>CYPRESS LAKE OFFICE PARK</u>	ICIS-NPDES NON-MAJOR	FT MYERS	26.54563	-81.91006
110015725955	<u>CROSSINGS AT CAPE CORAL 2</u>	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.67074	-81.92282
110039518965	<u>RACETRAC #387</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.569539	-81.896694
110028295681	<u>BENCHMARK - LOT 1</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.646617	-81.821914
110020171678	<u>MARINER S LANDING</u>	ICIS-NPDES NON-MAJOR	FT MYERS	26.61169	-81.86947
110020527250	<u>HOULIHAN'S RESTAURANT AND PROF</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.56281	-81.98867
110020545365	<u>PAGE FIELD BUSINESS PARK</u>	ICIS-NPDES NON-MAJOR	FT. MYERS	26.59344	-81.85661
110024386626	<u>ONE WEST</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.63765	-81.87889
110032759209	<u>BENCHMARK - LOT 33</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.647604	-81.821943
110024393878	<u>GRANDEUR OAKS TOWNE CENTER</u>	ICIS-NPDES NON-MAJOR	LABELLE	26.76099	-81.445808
110022456572	<u>PAGE FIELD PLAZA</u>	ICIS-NPDES NON-MAJOR	FT MYERS	26.58006	-81.872
110024817395	<u>NATIONAL DEVELOPMENT OFFICE COMPLEX</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.57829	-81.87952
110020542242	<u>OASIS CONDOMINIUM</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.668334	-81.922145
110055363057	<u>NORTH TRAIL 138KV LINE EXTENSION</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.7346	-81.8844
110056999583	<u>US-41 CALOOSAHATCHEE RIVER TO LITTLETON RD</u>	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.6702	-81.8925
110055211505	<u>CR 78</u>	ICIS-NPDES NON-MAJOR	LABELLE	26.7688	-81.451
110055211694	<u>US 41 TRANSMISSION MAINS SUNRISE BLVD TO TRAILWINDS DR</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.567	-81.8662
110058282031	<u>MCGREGOR RESERVE</u>	ICIS-NPDES NON-MAJOR	FT MYERS	26.6022	-81.883
110056347378	<u>PARK 41 GARDENS</u>	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.7117	-81.9017

110059785772	<u>WOODHAVEN SUBDIVISION AT VERANDAH</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.6977	-81.73
110058922064	<u>MCGREGOR BLVD WATER MAIN</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.6119	-81.8847
110055220050	<u>REPLACEMENT</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.6835	-81.8001
	<u>DMX</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.6835	-81.8001
110055484523	<u>HHD CULVERT 7,9 & TAYLOR CREEK</u>	ICIS-NPDES NON-MAJOR	OKEECHOBEE	27.199	-80.8249
	<u>CULVERT ADANDONMENT</u>	ICIS-NPDES NON-MAJOR	OKEECHOBEE	27.199	-80.8249
110056400700	<u>HERBERT HOOVER DIKE REHABILITATION</u>	ICIS-NPDES NON-MAJOR	CANAL POINT	26.9006	-80.6122
	<u>& REPAIR - CULVERT 13</u>	ICIS-NPDES NON-MAJOR	CANAL POINT	26.9006	-80.6122
110056401442	<u>BOB JANES PRESERVE</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.7536	-81.628
110054111386	<u>PREFERRED MATERIALS CANAL ST</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.62647	-81.8264
	<u>CORTEZ / COCONUT UTILITY</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.6223	-81.8803
110059800602	<u>REHABILITATION</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.6223	-81.8803
110009077257	<u>FORESTRY RESOURCES INC</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.641951	-81.824271
110054110476	<u>SAVONA BAY LAND DEV</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.508386	-81.974918
110054119850	<u>RIALTO POINTE</u>	ICIS-NPDES NON-MAJOR	LABELLE	26.768	-81.4208
110054124906	<u>SOUTH RD REALIGNMENT</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.5769	-81.8697
110032771524	<u>BANK OF AMERICA - PELICAN</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.56286	-81.98297
110032791290	<u>BENCHMARK - LOT 19-A</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.647539	-81.821777
110024383558	<u>WEEPING WILLOW DEVELOPMENT</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.631861	-81.955583
110009077257	<u>FORESTRY RESOURCES INC</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.641951	-81.824271
110040335134	<u>SYNERGY CONTRACTORS YARD</u>	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.67292	-81.89327
	<u>SYNERGY CONTRACTORS YARD</u>	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.67292	-81.89327
110032815693	<u>NORTHSIDE GARDEN CENTER</u>	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.66819	-81.90546
	<u>NORTHSIDE GARDEN CENTER</u>	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.66819	-81.90546
110032776431	<u>AMEDICUS</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.56684	-81.85755
110041941959	<u>PALMETTO RANCH II</u>	ICIS-NPDES NON-MAJOR	LABELLE	26.753278	-81.454722
110015620309	<u>BANYAN TRACE PHASE 3</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.579491	-81.960964
110032796464	<u>NORTHERN TRUST</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.565556	-81.874722
110022412432	<u>CERTIFIED POOL MECHANICS</u>	ICIS-NPDES NON-MAJOR	FT MYERS	26.649037	-81.814978
110010047458	<u>HESS STATION</u>	ICIS-NPDES NON-MAJOR	FT MYERS	26.633333	-81.8725
110005660463	<u>TIGER MUFFLER</u>	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.667272	-81.889997
	<u>TIGER MUFFLER</u>	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.667272	-81.889997
110044885327	<u>HENDRY COUNTY MOSQUITO CONTROL</u>	ICIS-NPDES NON-MAJOR	LABELLE	26.75056	-81.38466
	<u>MSBU</u>	ICIS-NPDES NON-MAJOR	LABELLE	26.75056	-81.38466
110046307554	<u>MURPHY EXPRESS</u>	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.6825	-81.8808
	<u>MURPHY EXPRESS</u>	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.6825	-81.8808
110002517553	<u>ALLIED RECYCLING INC</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.64102	-81.842506
110007463592	<u>CIRCLE K #7949</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.604537	-81.858864

110015616822	<u>VERANDAH PHASE 1A - SANCTUARY</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.7	-81.75
110005611631	<u>SHELL STATION - 11225</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.577078	-81.871196
110041939383	<u>RAYMOND BUILDING SUPPLY CORP</u>	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.717194	-81.828167
110040323370	<u>FEDEX FREIGHT, INC</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.64617	-81.82025
110020136672	<u>COLLEGE POINTE APARTMENTS PHASE 4</u>	ICIS-NPDES NON-MAJOR	FT MYERS	26.558877	-81.900356
110000916064	<u>CAPE CORAL, CITY OF - EVEREST WRF</u>	NPDES MAJOR	CAPE CORAL	26.60652	-81.93609
110063608671	<u>CONSTRUCT TERMINAL APRON</u>	ICIS-NPDES NON-MAJOR	LABELLE	26.746887	-81.433406
110022453682	<u>HICKEY'S CREEKSIDE</u>	ICIS-NPDES NON-MAJOR	ALVA	26.71511	-81.67153
110037327318	<u>GLEN FOX TOWING</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.64267	-81.81173
110044255472	<u>COCONUT COVE HOUSING</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.6372	-81.9494
110022853009	<u>ISLES OF PORTO VISTA AT ENTRAD</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.708333	-81.916667
110015620309	<u>BANYAN TRACE PHASE 3</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.579491	-81.960964
110038331873	<u>DEL PRADO BOAT CLUB OF CAPE CO</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.56677	-81.94528
110037327318	<u>GLEN FOX TOWING</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.64267	-81.81173
110043752980	<u>RACETRAC PINE ISLAND</u>	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.68224	-81.90667
110054139106	<u>T1501 - SR 80 - FIN #408286-3-52-01</u>	ICIS-NPDES NON-MAJOR	LABELLE	26.7685	-81.3487
110056990984	<u>CORAL ROCK</u>	ICIS-NPDES NON-MAJOR	PUNTA GORDA	26.79337	-81.76046
110033640344	<u>J C CRUISES INC</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.6467	-81.86926
110020173863	<u>RADIOLOGY REGIONAL BILLING OFFICE</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.6097	-81.86722
110020168192	<u>EDISON LABORATORY</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.63423	-81.88001
110020739129	<u>STONEGATE</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.52036	-81.9169
110041959075	<u>5101 LUCKETT ROAD C-STORE</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.656944	-81.804444
110032761312	<u>JAY ROCK MINE</u>	ICIS-NPDES NON-MAJOR	PUNTA GORDA	26.799	-81.77939
110032767101	<u>BAKOS-KUHN/LEE DENTAL CARE</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.569087	-81.872469
110025341903	<u>VALSPAR PAINTS</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.650278	-81.823667
110011334369	<u>BAER S QUALITY FURNITURE & INTERIOR DESIGN</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.595167	-81.871999
110011334369	<u>BAER S QUALITY FURNITURE & INTERIOR DESIGN</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.595167	-81.871999
110020560917	<u>SIX MILE CYPRESS TRANSPORTATIO</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.63511	-81.84292
110037474355	<u>HERBERT HOOVER DIKE REHABILITA</u>	ICIS-NPDES NON-MAJOR	BELLE GLADE	26.726194	-80.703972
110038520810	<u>EDISON STATE COLLEGE NURSING B</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.556947	-81.888423
110027372572	<u>PARK CENTER</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.556528	-81.892556
110040330371	<u>CVS #00196 AT MCGREGOR & SAN C</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.51485	-81.9439
110035493427	<u>DAVIS PRESERVE</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.50063	-81.97793

110005649398	<u>CEMEX CONSTRUCTION MATERIALS FLORIDA LLC</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.637127	-81.828664
110012327348	<u>7-ELEVEN STORE#33087</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.55618	-81.87183
110009130706	<u>FORMER CIRCLE K #7249</u>	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.68197	-81.89619
110043751357	<u>MANUELS BRANCH DRAINAGE IMPROVEMENTS</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.60891	-81.88691
110045494087	<u>DOWNTOWN RIVERFRONT REDEVELOPMENT PROJECT</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.6461	-81.8714
110045483543	<u>CORAL HILLS PLAZA</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.65427	-81.94108
110059800693	<u>PDQ FORT MYERS - CLEVELAND AVE</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.5611	-81.8708
110063617590	<u>GORMAN COMPANY</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.6362	-81.85623
110000521338	<u>SOUTH ADVANCED WASTEWATER TREATMENT FACILITY</u>	NPDES MAJOR	FORT MYERS	26.59023	-81.8793
110040331664	<u>GULF PLAZA ENTRANCE MODIFICATI</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.5626	-81.95164
110032817824	<u>OAK CREEK</u>	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.71469	-81.83209
110020549156	<u>LIFELINE FAMILY CENTER</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.64203	-81.96429
110032789338	<u>FORESTRY RESOURCES INC</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.64165	-81.82084
110045493970	<u>SHELL POINT - PARCELS B & C ADDITIONAL FILL</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.50283	-81.98305
110000521338	<u>SOUTH ADVANCED WASTEWATER TREATMENT FACILITY</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.59023	-81.8793
110062673584	<u>PORT CONSOLIDATED INC</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.62936	-81.82977
110055365536	<u>FAIRWAY COVE 125</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.6954	-81.7325
110020560917	<u>SIX MILE CYPRESS TRANSPORTATIO</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.63511	-81.84292
110059704360	<u>T1572 SR-45 (US-41) LEE</u>	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.712	-81.9022
110027372572	<u>PARK CENTER</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.556528	-81.892556
110032800084	<u>DEL PRADO LAND GROUP</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.65571	-81.94107
110054918862	<u>PALMETTO COURT</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.64288	-81.84187
110055022684	<u>FORD STREET PRESERVE EXOTIC REMOVAL</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.6527	-81.8472
110057187930	<u>CLEVELAND AVENUE PLAZA</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.55833	-81.87173
110038331766	<u>TERRY PARK IMPROVEMENTS</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.65876	-81.84401
110032788302	<u>THE WILHAM PAVILION SIX MILE C</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.63511	-81.84292
110032798499	<u>SOUTH SANTA BARBARA PLAZA</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.59496	-81.97425
110032819092	<u>PONDELLA COMMONS</u>	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.6672	-81.89363

110028295057	<u>PAGE FIELD - PARALLEL TAXIWAY - PHASE 1A</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.591385	-81.863455
110027244578	<u>HESS STATION # 09376</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.66612	-81.8308
110035664073	<u>UNION 76 - EDISON OIL COMPANY</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.66707	-81.94107
110020174924	<u>7 - ELEVEN STORE #24542</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.66696	-81.94107
110020729354	<u>SHELL STATION</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.59732	-81.85813
110021025512	<u>BROOKS DRIVE ELDERLY HOUSING</u>	ICIS-NPDES NON-MAJOR	N FT MYERS	26.67117	-81.87921
110045483525	<u>WEGSCHEID PIT</u>	ICIS-NPDES NON-MAJOR	LABELLE	26.7905	-81.4688
110046288744	<u>NORTH FORT MYERS ARMY RESERVE CENTER</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.6863	-81.9178
110055220087	<u>S.R 78 (PINE ISLAND ROAD)</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.6607	-81.9545
110058284075	<u>WATERMAN BROADCASTING</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.60795	-81.86379
110059792719	<u>OKEECHOBEE TRAILHEAD AT LOST - LOCK Z</u>	ICIS-NPDES NON-MAJOR	OKEECHOBEE	27.1961	-80.8302
110038336208	<u>U PULL & SAVE LLC</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.639823	-81.817438
110041265895	<u>SR-82, CITY OF FORT MYERS, EAS</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.629861	-81.786389
110035703094	<u>PINE RIDGE ROAD GOVERNMENTAL COMPLEX</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.51371	-81.93565
110024457318	<u>COLONIAL BANK - THE VERANDAH</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.700917	-81.759111
110032761795	<u>CANTERBURY SCHOOL - ADDITION 4</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.55692	-81.89006
110032815354	<u>CLA TRANSPORT - TREE REMOVAL</u>	ICIS-NPDES NON-MAJOR	FT MYERS	26.63996	-81.84215
110062641547	<u>7 ELEVEN STORE #37148</u>	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.68768	-81.86587
110027248921	<u>VERANDAH - UNIT 13 - PALMETTO</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.727222	-81.663333
110055627193	<u>1870 COLONIAL BLVD / WHITE SANDS TREATMENT CENTER</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.59671	-81.87436
110059704262	<u>SHELL POINT COMMUNITY</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.518025	-81.997262
110056131975	<u>DOLLAR GENERAL</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.49856	-81.96941
110055024325	<u>FDOT, I-75 WIDENING FROM N OF SR 80 TO S OF SR 78</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.6849	-81.7987
110057193406	<u>MOODY RIVER ESTATES</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.6597	-81.8996
110006824222	<u>PARK 720 - PHASE 2</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.6669	-81.92189
110032765434	<u>FLAGLER CONSTRUCTION EQUIPMENT</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.636853	-81.808398
110020561818	<u>TROAST & ASSOCIATES MEDICAL BU</u>	ICIS-NPDES NON-MAJOR	FT MYERS	26.56009	-81.88305
110033640335	<u>SAIA MOTOR FREIGHT</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.6428	-81.82183
110015727640	<u>CYPRESS MARSH @ VERANDAH PHASE</u>	ICIS-NPDES NON-MAJOR	FT. MYERS	26.7	-81.75
110024577322	<u>SEAGRAPE</u>	ICIS-NPDES NON-MAJOR	LABELLE	26.749667	-81.394667

110032810368	<u>COLONIAL BANK</u>	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.69196	-81.90095
110037314313	<u>HERBERT HOOVER DIKE REACH I - SEEPAGE CUTOFF WALL</u>	ICIS-NPDES NON-MAJOR	CANAL POINT	26.957389	-80.610194
110020163053	<u>ENTRADA - ROADWAY</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.718611	-81.9175
110028291523	<u>PANTROPIC POWER PRODUCTS INC</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.66133	-81.79752
110032796437	<u>FORT MYERS NEIGHBORHOOD MARKET</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.556412	-81.907569
110032762311	<u>SW FLORIDA NEUROSURGICAL ASSOCIATES DEL PRADO MEDICAL OFFICE</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.66534	-81.94106
110028292032	<u>SAFTRONICS INC</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.65868	-81.80375
110043737347	<u>POPASH CREEK PRESERVE</u>	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.75539	-81.80578
110045481046	<u>NORTH FORT MYERS RECREATION CENTER</u>	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.68903	-81.88655
110055365527	<u>VERANDAH SCATTERED LOTS</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.6971	-81.6994
110011336045	<u>DUNBAR HIGH SCHOOL</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.63397	-81.83549
110059704262	<u>SHELL POINT COMMUNITY</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.518025	-81.997262
110024399079	<u>NORTHSIDE STORAGE</u>	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.6975	-81.892778
110032775860	<u>VERONICA CANAL STREET - SPEC PROJECT</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.627465	-81.84
110058926319	<u>MEDICAL FACILITY</u>	ICIS-NPDES NON-MAJOR	MOORE HAVEN	26.840533	-81.123637
110028293291	<u>KINGDOM HALL OF JEHOVAH S WITNESS</u>	ICIS-NPDES NON-MAJOR	LABELLE	26.76884	-81.45779
110028294548	<u>DEL PRADO COMMERCIAL CENTER</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.65932	-81.94107
110038374648	<u>SLATER RD SIDEWALK FROM BAYSHO</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.726639	-81.851778
110024567271	<u>GRAHAM FARMS</u>	ICIS-NPDES NON-MAJOR	MOORE HAVEN	26.861125	-81.218247
110045512067	<u>FAMILY DOLLAR STORE</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.603	-81.99094
110032764532	<u>FLORIDA COMMUNITY BANK</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.698371	-81.77085
110020841963	<u>LEE COUNTY JUSTICE CENTER EXPA</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.64239	-81.87089
110033015145	<u>CHANTREY CANAL PARK</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.62351	-81.924611
110037325739	<u>SCHOFIELD COMMERCIAL SITE</u>	ICIS-NPDES NON-MAJOR	LABELLE	26.768492	-81.300291
110024396250	<u>TALAVERA LEHIGH 35</u>	ICIS-NPDES NON-MAJOR	LEHIGH ACRES	26.66601	-81.6458
110032761223	<u>SHAMROCK PROPERTIES LLC</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.6503	-81.8224
110020731270	<u>CENTRAL CAPE BUSINESS PARK</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.66549	-81.94521
110011336045	<u>DUNBAR HIGH SCHOOL</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.63397	-81.83549
110044265719	<u>CAPE CORAL WALGREENS</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.56278	-81.95745
110038900071	<u>UPS FREIGHT - FORT MYERS</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.64739	-81.82191
110021022436	<u>LIVING FAITH CHURCH</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.63514	-81.99069

110006824222	PARK 720 - PHASE 2	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.6669	-81.92189
110058922144	SPANISH CREEK/DANIELS PRESERVE PHASE-1	ICIS-NPDES NON-MAJOR	ALVA	26.725711	-81.599811
110033633931	WEST COAST RECYCLING INC	ICIS-NPDES NON-MAJOR	FORT MYERS	26.63456	-81.85585
110028303011	UNIVERSITY COMMONS - LOT 1	ICIS-NPDES NON-MAJOR	FORT MYERS	26.5596	-81.88411
110035458983	PANGOLA DEVELOPMENT	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.65551	-81.91307
110022224190	SKYLINE ELEMENTARY SCHOOL	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.61767	-81.98724
110025345428	RONALD MCDONALD HOUSE - EXPANSION PROJECT	ICIS-NPDES NON-MAJOR	FORT MYERS	26.5106	-81.91295
110006779575	PAGE FIELD AIRPORT PHASE 2 T - HANGAR FACILITY	ICIS-NPDES NON-MAJOR	FORT MYERS	26.582282	-81.861046
110032801939	TUSCANY VILLAGE	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.566667	-81.913889
110041940736	MOODY RIVER	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.659139	-81.900917
110032790601	LEE MEMORIAL HEALTH SYSTEM ADMINISTRATIVE OFFICE	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.64627	-81.97432
110032800798	LAKE POINTE COMMONS	ICIS-NPDES NON-MAJOR	FORT MYERS	26.559722	-81.906389
110006779575	PAGE FIELD AIRPORT PHASE 2 T - HANGAR FACILITY	ICIS-NPDES NON-MAJOR	FORT MYERS	26.582282	-81.861046
110045488245	SIDEWALK CONSTRUCTION ON THREE CITY STREETS	ICIS-NPDES NON-MAJOR	FORT MYERS	26.6373	-81.8452
110045482232	15611-A&W BULB ROAD IMPROVEMENTS	ICIS-NPDES NON-MAJOR	FORT MYERS	26.5262	-81.9196
110046329576	AVERITT EXPRESS FORT MYERS SERVICE CENTER	ICIS-NPDES NON-MAJOR	FORT MYERS	26.642684	-81.806392
110055486601	LAWRENCE-LYNCH CORP	ICIS-NPDES NON-MAJOR	LABELLE	26.741	-81.4378
110020550009	CAPRI COMMONS	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.66172	-81.94107
110032815844	TRAFFIC CONTROL PRODUCTS	ICIS-NPDES NON-MAJOR	FORT MYERS	26.63406	-81.83256
110011333994	LEE COUNTY - MS4	NPDES MAJOR	FORT MYERS	26.623151	-81.882909
110031270390	AMERADA HESS STATION #09334	ICIS-NPDES NON-MAJOR	FORT MYERS	26.55871	-81.90974
110006779771	AMERANDA HESS #09342	ICIS-NPDES NON-MAJOR	FORT MYERS	26.56827	-81.87194
110056344781	SIX MILE CYPRESS NORTH PRESERVE	ICIS-NPDES NON-MAJOR	FORT MYERS	26.6381	-81.7775
110054116069	TRANSPORTATION IMPROVEMENTS FOR SR 739	ICIS-NPDES NON-MAJOR	FORT MYERS	26.60232	-81.85691
110015616859	VERANDAH PHASE 1A - CYPRESS MA	ICIS-NPDES NON-MAJOR	FORT MYERS	26.7	-81.9
110024383362	WACHOVIA - VERANDAH	ICIS-NPDES NON-MAJOR	FT MYERS	26.70046	-81.76322
110058926881	GALVANIZED PIPE REPLACEMENT PROGRAM SECTION-1	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.56084	-81.9569

110057000249	<u>MARION STREET FORCEMAIN IMPROVEMENTS</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.6555	-81.8402
110027368364	<u>THE ESTATES AT ENTRADA</u>	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.70768	-81.90084
110020717054	<u>HAWKS HAVEN SINGLE FAMILY PHASE 1</u>	ICIS-NPDES NON-MAJOR	ALVA	26.696111	-81.696944
110035452122	<u>EL PUEBLO SANTA MARIA CIVIC PARCEL</u>	ICIS-NPDES NON-MAJOR	PAHOKEE	26.916667	-80.65
110020555004	<u>CROWNE PLAZA PROFESSIONAL BUIL</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.55651	-81.87507
110042103880	<u>EDISON STATE COLLEGE - LEE CAM</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.550556	-81.89
110041948523	<u>STATE RD. 93</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.675278	-81.774167
110024576886	<u>K & M & M</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.64393	-81.82107
110008983902	<u>VIRGINIA FARMS</u>	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.729167	-81.806667
110028293503	<u>COUNTRY LAKES BUSINESS CENTER</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.6614	-81.79298
110028301692	<u>SOUTH CAPE SUBSTATION</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.5646	-81.95528
110020569963	<u>LOT 25 & 26 - BENCHMARK CORPORA</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.649167	-81.818056
110032775833	<u>BENCHMARK - LOT 23</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.65043	-81.81784
110010048108	<u>SOUTHLAND CORP 7-11 #32366</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.592361	-81.974472
110007449038	<u>MOBIL #2 - F4N</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.56387	-81.87185
110012325304	<u>LABELLE HAULING</u>	ICIS-NPDES NON-MAJOR	LABELLE	26.78112	-81.43747
110007463627	<u>CIRCLE K #7399</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.746389	-81.761111
110009076695	<u>MATTINGLY TILE COMPANY</u>	ICIS-NPDES NON-MAJOR	FT MYERS	26.62207	-81.85616
110024459129	<u>LAKEVIEW EAST & WEST AT VERAND</u>	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.690889	-81.742194
110055365126	<u>HARNEY POND ROAD TRAIL</u>	ICIS-NPDES NON-MAJOR	MOORE HAVEN	26.9834	-81.0667
110006377928	<u>FLORIDA CITIES WATER WATERWAY EST</u>	NPDES MAJOR	FORT MYERS	26.638556	-81.909111
110015726133	<u>BOB EVANS RESTAURANT</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.60682	-81.94122
110009134551	<u>DAMRON - LKQ AUTO PARTS INC</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.637778	-81.812222
110002541312	<u>THE NEWS - PRESS</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.640526	-81.864003
110024397749	<u>PALAZZO DEL SOL</u>	ICIS-NPDES NON-MAJOR	FT MYERS	26.52338	-81.93704
110041944956	<u>STATE ROAD NO. 45 (US-41)</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.689444	-81.901389
110032758889	<u>B & I OFFICE MANUFACTURING ADDITIONS & RENOVATIONS</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.62725	-81.85446
110020171295	<u>RIVERSIDE BANK OF THE GULF COA</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.579444	-81.974167
110032769813	<u>RIVER HALL ELEMENTARY</u>	ICIS-NPDES NON-MAJOR	ALVA	26.708639	-81.708917
110043755870	<u>US 41 16</u>	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.6963	-81.9005
110037331535	<u>SHOPS AT VILLAGE WALK</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.63511	-81.84292

110032774629	VILLA CENTRO	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.59985	-81.97421
110042103880	EDISON STATE COLLEGE - LEE CAM	ICIS-NPDES NON-MAJOR	FORT MYERS	26.550556	-81.89
110057197652	COUNTRY MANOR WATER MAIN REPLACEMENT	ICIS-NPDES NON-MAJOR	FORT MYERS	26.6505	-81.8413
110027859592	FIRST STREET VILLAGE - PHASE 2	ICIS-NPDES NON-MAJOR	FORT MYERS	26.637952	-81.876002
110006779218	A & C AVIATION	ICIS-NPDES NON-MAJOR	FORT MYERS	26.580274	-81.865223
110022836920	BETHLEHEM LUTHERAN CHURCH	ICIS-NPDES NON-MAJOR	FORT MYERS	26.71623	-81.72054
110020541779	CVS PHARMACY	ICIS-NPDES NON-MAJOR	N. FT. MYERS	26.666944	-81.890278
110006779218	A & C AVIATION	ICIS-NPDES NON-MAJOR	FORT MYERS	26.580274	-81.865223
110009110309	SHORES AT GULF HARBOUR PHASE 3	ICIS-NPDES NON-MAJOR	FORT MYERS	26.53577	-81.93619
110033014048	GLADES LANDFILL LLC	ICIS-NPDES NON-MAJOR	MOORE HAVEN	26.870441	-81.122654
110028307687	FOREST RIDGE FKA COBBLESTONE	ICIS-NPDES NON-MAJOR	FORT MYERS	26.63511	-81.84292
110006377928	FLORIDA CITIES WATER WATERWAY EST SKYLINE BLVD DIRECTIONAL LEFT TURN	ICIS-NPDES NON-MAJOR	FORT MYERS	26.638556	-81.909111
110054106383	LANE & MEDIAN IMPROVEMENT	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.6363	-81.9908
110027368756	CARISSA COMMERCIAL PARK	ICIS-NPDES NON-MAJOR	FORT MYERS	26.63511	-81.84292
110020549922	HORSE CREEK	ICIS-NPDES NON-MAJOR	FORT MYERS	26.67648	-81.75791
110021028699	NICHOLAS PARKWAY PRIVATE WAREH	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.645	-81.985278
110027856176	CITRUS CREEK AT VERANDAH	ICIS-NPDES NON-MAJOR	FORT MYERS	26.68949	-81.73284
110032763739	NORTH TAMiami TRAIL COMMERCIAL CENTER	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.691154	-81.887289
110022843226	CEDAR RIDGE SUBDIVISION	ICIS-NPDES NON-MAJOR	ALVA	26.72568	-81.59613
110032810242	IMAGES GRAPHICS	ICIS-NPDES NON-MAJOR	FORT MYERS	26.62685	-81.83742
110032782415	BRAWLEY ZIP DRIVE	ICIS-NPDES NON-MAJOR	FORT MYERS	26.66111	-81.80689
110032798872	ISLES OF PORTO VISTA RECREATION CENTER	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.72242	-81.91117
110037331358	CHURCH OF GOD OF PROPHECY	ICIS-NPDES NON-MAJOR	LEHIGH ACRES	26.6458	-81.59764
110038179921	NORTH LEE COUNTY - RO WELLFIEL	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.72193	-81.8057
110041267312	LEE COUNTY SOLID WASTE RECOVER	ICIS-NPDES NON-MAJOR	FORT MYERS	26.628889	-81.765
110020524495	SERENGETI	ICIS-NPDES NON-MAJOR	ALVA	26.724849	-81.675137
110015624056	PAGE FIELD MEDICAL VILLAGE	ICIS-NPDES NON-MAJOR	FT MYERS	26.591667	-81.876944
110012327721	ALVA SUPPLY & MARINE	ICIS-NPDES NON-MAJOR	ALVA	26.71438	-81.61003
110020729372	SHELL STATION	ICIS-NPDES NON-MAJOR	FORT MYERS	26.57657	-81.87183
110021029509	LA MEXICANA PLAZA	ICIS-NPDES NON-MAJOR	FT MYERS	26.65132	-81.81195
110033014075	YELLOW TRANSPORTATION	ICIS-NPDES NON-MAJOR	FORT MYERS	26.62997	-81.82979
110044877167	LONGTAIL ACRES	ICIS-NPDES NON-MAJOR	LABELLE	26.6727	-81.2438

110021506636	<u>CAPE ELEMENTARY SCHOOL</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.56804	-81.95009
110040766695	<u>CITY OF LABELLE BASIN C-5 STOR</u>	ICIS-NPDES NON-MAJOR	LABELLE	26.76	-81.424722
110025336964	<u>FAITH UNITED METHODIST CHURCH EXPANSION</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.514444	-81.948611
110032817986	<u>HERBERT HOOVER DIKE</u>	ICIS-NPDES NON-MAJOR	UNINCORPORAT ED	26.976472	-80.615306
110045511237	<u>SUNCOAST SCHOOLS FEDERAL CREDIT UNION - UNDERWOOD DR</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.67864	-81.80634
110032785378	<u>SOUTHWEST FLORIDA ADDICTION SE</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.60733	-81.85977
110024457513	<u>CRYSTAL FLEX PARK</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.565028	-81.860611
110059780777	<u>WAWA - CLEVELAND AVE PLAZA</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.557342	-81.87169
110008318347	<u>EDISON BULK PLANT</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.633169	-81.859516
110040766472	<u>C-43 WEST STORAGE RESERVOIR AR</u>	ICIS-NPDES NON-MAJOR	LABELLE	26.760278	-81.451111
110020549003	<u>DOLLAR GENERAL</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.66013	-81.95678
110015624056	<u>PAGE FIELD MEDICAL VILLAGE</u>	ICIS-NPDES NON-MAJOR	FT MYERS	26.591667	-81.876944
110009078568	<u>FEDERAL EXPRESS CORPORATION</u>	ICIS-NPDES NON-MAJOR	FT MYERS	26.59719	-81.8572
110020549922	<u>HORSE CREEK</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.67648	-81.75791
110040766472	<u>C-43 WEST STORAGE RESERVOIR AR</u>	ICIS-NPDES NON-MAJOR	LABELLE	26.760278	-81.451111
110057190524	<u>AMERIGAS PROPANE LP</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.62996	-81.85957
110020172908	<u>CENTRAL ADVANCED WASTEWATER TREATMENT FACILITY</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.652	-81.848694
110020555264	<u>PINE RIDGE COMMERCE CENTRE</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.510667	-81.936278
110020172908	<u>CENTRAL ADVANCED WASTEWATER TREATMENT FACILITY</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.652	-81.848694
110020172908	<u>CENTRAL ADVANCED WASTEWATER TREATMENT FACILITY</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.652	-81.848694
110022456215	<u>LEE MEMORIAL HOSPITAL DOCTORS PARKING ADDITION</u>	ICIS-NPDES NON-MAJOR	FT MYERS	26.62687	-81.87231
110015726589	<u>COLONIAL BANK - MISPOINT CENTE</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.60556	-81.97437
110032758503	<u>STOUTEN OFFICE BUILDING</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.6432	-81.98484
110006779049	<u>MCGREGOR RESERVE</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.60143	-81.88425
110041942565	<u>EUCALYPTUS SIDEWALK IMPROVEMEN</u>	ICIS-NPDES NON-MAJOR	LABELLE	26.737222	-81.413889
110015726357	<u>VISCAYA MEDICAL CENTER</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.636213	-81.94762
110007465297	<u>CIRCLE K #7483</u>	ICIS-NPDES NON-MAJOR	N. FT. MYERS	26.668022	-81.909225
110007465297	<u>CIRCLE K #7483</u>	ICIS-NPDES NON-MAJOR	N. FT. MYERS	26.668022	-81.909225
110062639266	<u>ASBURY AUTOMOTIVE GROUP</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.59702	-81.86524
110032785920	<u>TEMPORARY PARKING LOT</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.63819	-81.86646

110022456215	LEE MEMORIAL HOSPITAL DOCTORS PARKING ADDITION	ICIS-NPDES NON-MAJOR	FT MYERS	26.62687	-81.87231
110032770115	UTILITY IMPROVEMENTS - PHASE 4C	ICIS-NPDES NON-MAJOR	FORT MYERS	26.61061	-81.87501
110024466040	FLORIDA ROCK LABELLE CONCRETE BATCH PLANT	ICIS-NPDES NON-MAJOR	LABELLE	26.73921	-81.43116
110033636046	JACK M BERRY CARETAKING SITE	ICIS-NPDES NON-MAJOR	LABELLE	26.768522	-81.332428
110025337525	SAMIR CABRERA 1721 INDUSTRIAL	ICIS-NPDES NON-MAJOR	FORT MYERS	26.65107	-81.81982
110060353987	7-11 STORE NO 37088	ICIS-NPDES NON-MAJOR	FORT MYERS	26.559625	-81.888774
110027244499	FORT MYERS CONVENIENCE FOOD MART	ICIS-NPDES NON-MAJOR	FORT MYERS	26.56445	-81.87082
110041952713	LABELLE SPORTS COMPLEX	ICIS-NPDES NON-MAJOR	LABELLE	26.751944	-81.419722
110020521283	CORAL VILLAGE 2 - CONSTRUCTION PHASE 3	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.65456	-81.95273
110056347617	EAST CALOOSAHATCHEE FAVT PROJECT	ICIS-NPDES NON-MAJOR	UNINCORPORAT ED	26.6617	-81.1666
110055234571	ALLIED RECYCLING, INC.	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.6337	-81.95059
110032777065	NEW CHURCH BUILDING - TANGLEWOOD CONGREGATION OF JEHOVAH WIT	ICIS-NPDES NON-MAJOR	FORT MYERS	26.56709	-81.8774
110020172908	CENTRAL ADVANCED WASTEWATER TREATMENT FACILITY	NPDES MAJOR	FORT MYERS	26.652	-81.848694
110025340192	FT MYERS NEW TRUCK CENTER	ICIS-NPDES NON-MAJOR	FT MYERS	26.59729	-81.85963
110037477584	BUCKINGHAM SUBSTATION	ICIS-NPDES NON-MAJOR	FORT MYERS	26.656722	-81.767252
110055627004	DOLLAR GENERAL	ICIS-NPDES NON-MAJOR	FORT MYERS	26.70935	-81.72329
110056995756	RACETRAC PETROLEUM	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.646767	-81.940997
110043249972	MANUEL'S BRANCH SILTATION STRU	ICIS-NPDES NON-MAJOR	FORT MYERS	26.626111	-81.877222
110020166719	VILLAGES OF ASCOT 2	ICIS-NPDES NON-MAJOR	FORT MYERS	26.52039	-81.91482
110027372297	RIVERWALK AT SUNSET	ICIS-NPDES NON-MAJOR	FORT MYERS	26.64698	-81.86514
110032766932	STRATFORD DOWNS	ICIS-NPDES NON-MAJOR	FORT MYERS	26.6364	-81.80554
110032773844	FAMOUS DAVE S BAR-B-QUE	ICIS-NPDES NON-MAJOR	FORT MYERS	26.56488	-81.87203
110020137485	CRESTWELL HIGHER LEARNING SCHOOL	ICIS-NPDES NON-MAJOR	FT MYERS	26.56712	-81.87542
110027248930	VERANDAH UNIT 11 - SABAL POINT	ICIS-NPDES NON-MAJOR	FORT MYERS	26.676111	-81.761667
110015621308	MCGREGOR SUBDIVISION	ICIS-NPDES NON-MAJOR	FORT MYERS	26.516389	-81.954722
110032756211	BANK OF AMERICA - SKYLINE & VE	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.603761	-81.990861
110025343055	BIG CYPRESS - DRAINAGE IMPROVEMENT	ICIS-NPDES NON-MAJOR	CLEWISTON	26.70942	-81.22406
110032774166	SUMMERLINE PARTNERS LLC	ICIS-NPDES NON-MAJOR	FORT MYERS	26.5806	-81.8783
110020522790	UNNAMED 17 ACRE SUBDIVISION	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.665	-81.933056
110032802974	PHANTOM FIREWORKS	ICIS-NPDES NON-MAJOR	FORT MYERS	26.71259	-81.90258
110020520747	BILLY CREEK COMMERCE CENTER LOT 154	ICIS-NPDES NON-MAJOR	FORT MYERS	26.65976	-81.80686

110028298205	<u>FORT MYERS, CITY OF - WELLFIELD EXPANSION</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.627065	-81.827682
110032814373	<u>EDISON COMMERCIAL OFFICE PARK</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.60307	-81.87397
110037326863	<u>NORTH RIVER RANCH</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.73675	-81.77475
110035573359	<u>EAGLE FARM MINE #1</u>	ICIS-NPDES NON-MAJOR	CLEWISTON	26.766111	-81.228611
110010383717	<u>E R JAHNA INDUSTRIES INC - ORTONA MINE</u>	ICIS-NPDES NON-MAJOR	ORTONA	26.811972	-81.296222
110012328258	<u>7-ELEVEN</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.63207	-81.97414
110015627035	<u>DEEP LAGOON BOAT CLUB</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.53778	-81.92051
110037324696	<u>SAVINGS STATION #912</u>	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.68209	-81.8797
110012325723	<u>GARDEN ST PAPER PRODUCT CORP</u>	ICIS-NPDES NON-MAJOR	FT MYERS	26.63005	-81.85161
110033176596	<u>RIGHTWAY FOOD STORE</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.669473	-81.82478
110055365625	<u>POPASH CREEK BOX CULVERT</u>	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.74481	-81.80576
110015620069	<u>RUBY TUESDAY CAPE CORAL</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.605	-81.974722
110037319657	<u>VILA & SON NURSERY</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.6838	-81.73222
110044274102	<u>EAGLE FARM II MINE</u>	ICIS-NPDES NON-MAJOR	CLEWISTON	26.768352	-81.23079
110032786634	<u>CORNERSTONE - MERRICK PARK</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.58895	-81.87198
110032778670	<u>DUNKIN DONUTS</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.64804	-81.98413
110043724155	<u>LAKEVIEW EAST AND WEST AT VERANDAH</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.6925	-81.7386
110028290114	<u>NORTH FORT MYERS FIRE STATION #1</u>	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.67094	-81.88163
110032814453	<u>FIFTH THIRD BANK</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.64011	-81.87361
110024460055	<u>HARBOR MASTER SERVICE BUILDING</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.5775	-81.952222
110057000659	<u>STERICYCLE INC</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.6377	-81.82985
110032818609	<u>21ST CENTURY ONCOLOGY CENTER - BUILDING EXPANSION</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.59697	-81.86739
110055245195	<u>CAPE CORAL PREPARATORY & FITNESS ACADEMY</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.61342	-81.9742
110020170107	<u>SHRIMP SHACK</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.642778	-81.993889
110042098244	<u>AFFORDABLE AUTO SALVAGE INC</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.633611	-81.845833
110039023632	<u>PARK 41 GARDENS</u>	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.693056	-81.895833
110059791603	<u>RIVERSIDE PARK NEIGHBORHOOD UTILITY & DRAINAGE PROJECTS</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.6206	-81.8909
110021361934	<u>EARTHSOURCE, INC.</u>	ICIS-NPDES NON-MAJOR	PUNTA GORDA	26.808631	-81.760276
110024457363	<u>CALOOSA LANDING</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.714194	-81.758806

110057192130	<u>HERBERT HOOVER DIKE & REHAB STRUCTURE</u>	ICIS-NPDES NON-MAJOR	PAHOKEE	26.7982	-80.696
110024566307	<u>RIVER HALL LAKE</u>	ICIS-NPDES NON-MAJOR	ALVA	26.689444	-81.683611
110020174069	<u>FIFTH THIRD BANK</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.6061	-81.97438
110020561480	<u>ISLAND PINES</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.67187	-81.92281
110015616564	<u>PONDELLA ROAD WIDENING</u>	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.681472	-81.903528
110009109936	<u>UPRIVER CAMPGROUND</u>	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.70976	-81.78915
110037934466	<u>DEL PRADO BLVD WIDENING - PH 1</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.63623	-81.94084
110028295887	<u>WALGREENS</u>	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.69702	-81.85264
110037314698	<u>SUMMERLIN ROAD</u>	ICIS-NPDES NON-MAJOR	FT MYERS	26.58958	-81.88359
110013337004	<u>AAA COOPER TRANSPORTATION</u>	ICIS-NPDES NON-MAJOR	FT. MYERS	26.64612	-81.8219
110035534008	<u>NORTH STAR PROPERTIES</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.64143	-81.8117
110007464957	<u>CIRCLE K STORE #7374</u>	ICIS-NPDES NON-MAJOR	LABELLE	26.763106	-81.437915
110021030800	<u>MDA PROFESSIONAL OFFICE CENTER</u>	ICIS-NPDES NON-MAJOR	FT MYERS	26.624	-81.87224
110044881090	<u>NORTH LEE COUNTY RO WELLFIELD EXPANSION PHASE II B [PW 12]</u>	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.7258	-81.8177
110062665281	<u>CYPRESS COVE IMPROVEMENTS PHASE 1</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.50525	-81.916
110063617466	<u>ABF FREIGHT TERMINAL 305</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.64616	-81.82041
110009077024	<u>CON-WAY FREIGHT</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.64382	-81.82101
110064306763	<u>CIRCLE K #8814</u>	ICIS-NPDES NON-MAJOR	FT MYERS	26.57806	-81.881389
110020561480	<u>ISLAND PINES</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.67187	-81.92281
110015620461	<u>ISLAND COVE OF CAPE CORAL COND</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.61738	-81.93531
110020571326	<u>BILLY CREEK COMMERCE CENTER LOT 126 PHASE 5</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.65974	-81.80686
110041266242	<u>AJAX ASPHALT PLANT - PUNTA GOR</u>	ICIS-NPDES NON-MAJOR	PUNTA GORDA	26.796111	-81.7775
110038109784	<u>ROYAL CREST PRINTING</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.616258	-81.861937
110013337004	<u>AAA COOPER TRANSPORTATION</u>	ICIS-NPDES NON-MAJOR	FT. MYERS	26.64612	-81.8219
110020527456	<u>BEAU RIDGE</u>	ICIS-NPDES NON-MAJOR	FT. MYERS	26.65143	-81.85716
110056347813	<u>DAOUD RESIDENCE</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.56566	-81.91194
110055094525	<u>NORTH TRAIL RV SERVICE CENTER</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.67637	-81.80297
110027366268	<u>PRIME GULF PLAZA</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.61119	-81.9742
110024562999	<u>EDEN 7TH DAY ADVENTIST CHURCH</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.63352	-81.86453
110024397525	<u>MCGREGOR COVE ESTATES</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.61897	-81.88421
110038372971	<u>PENTECOSTAL FAITH CATHEDRAL</u>	ICIS-NPDES NON-MAJOR	MOORE HAVEN	26.84047	-81.10466

110040323487	<u>ARCA DE SALVACION</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.64938	-81.83602
110040331236	<u>SCHANDLER HALL COMMUNITY PARK</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.6746	-81.81562
110032780088	<u>VIC S PAINTING STORAGE YARD</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.66794	-81.80308
110005654657	<u>EDISON COMMUNITY COLLEGE</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.551944	-81.888054
110020163437	<u>WHEELER - EDISON AVENUE</u>	ICIS-NPDES NON-MAJOR	FT MYERS	26.63358	-81.86134
110020527367	<u>METRO PLEX INDUSTRIAL PARK</u>	ICIS-NPDES NON-MAJOR	FT. MYERS	26.576389	-81.952778
110020527429	<u>CYPRESS WOOD RV RESORT</u>	ICIS-NPDES NON-MAJOR	FT. MYERS	26.656373	-81.792584
110032802750	<u>PARADISE SHOPPES AT DEL PRADO</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.72431	-81.90605
110038108482	<u>GRACE PROFESSIONAL BUILDING</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.61844	-81.87215
110009130403	<u>7-ELEVEN NO 20992</u>	ICIS-NPDES NON-MAJOR	FT MYERS	26.54563	-81.90959
110045480608	<u>CR 78 PHASE 1B- KELL MILL DITCH DRAINAGE IMPROVEMENTS</u>	ICIS-NPDES NON-MAJOR	LABELLE	26.7694	-81.4452
110063605629	<u>7-ELEVEN STORE #37164 PALM BEACH BLVD</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.70942	-81.72295
110063608485	<u>SHEEHY WATERFRONT SUBDIVISION</u>	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.63652	-81.910444
110009136407	<u>GARDENS AT BEACHWALK</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.51708	-81.93864
110054943647	<u>NEW REVERSE OSMOSIS WATER TREATMENT FACILITY</u>	ICIS-NPDES NON-MAJOR	LABELLE	26.7232	-81.4436
110032775628	<u>QJR PARTNERSHIP LLP</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.55388	-81.90435
110020542803	<u>BENCHMARK CORPORATE PARK - LOTS 29, 30 & 31</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.649078	-81.821964
110020550107	<u>ASBURY</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.53046	-81.928696
110024810604	<u>LANDSHORE BUSINESS PARK</u>	ICIS-NPDES NON-MAJOR	FT MYERS	26.6496	-81.81978
110043750090	<u>TIN HOUSE COVE SLOUGH HYDROLOGIC RESTORATION</u>	ICIS-NPDES NON-MAJOR	OKEECHOBEE	27.1019	-80.8758
110025341654	<u>PRIMA LUCE</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.650222	-81.860111
110033015163	<u>HEIGHTS COMMUNITY CENTER</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.514698	-81.925504
110009136407	<u>GARDENS AT BEACHWALK</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.51708	-81.93864
110024397963	<u>SUMMERLIN COMMONS</u>	ICIS-NPDES NON-MAJOR	FT MYERS	26.57991	-81.87846
110027372590	<u>MINISTERIO DE UNA CARNE</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.63596	-81.75164
110045488236	<u>HERBERT HOOVER DIKE REHABILITATION REACH 1 CUT-OFF WALL</u>	ICIS-NPDES NON-MAJOR	CANAL POINT	26.9836	-80.6208
110032775986	<u>NORTH FORT MYERS PRESBYTERIAN CHURCH</u>	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.73572	-81.9104
110037324375	<u>VALUE PLACE HOTEL</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.68183	-81.79677
110056996345	<u>CORAL ROCK</u>	ICIS-NPDES NON-MAJOR	UNINCORPORATED	26.7975	-81.8022
110037317365	<u>CORAL ROCK MINE EXPANSION</u>	ICIS-NPDES NON-MAJOR	PUNTA GORDA	26.791667	-81.813333

110005628507	DEEP LAGOON MARINA	ICIS-NPDES NON-MAJOR	FORT MYERS	26.539451	-81.9192
110020738905	RINKER MATERIALS CORPORATION	ICIS-NPDES NON-MAJOR	FORT MYERS	26.62695	-81.82638
110032764809	SOX DEV - BENCHMARK LOT #19	ICIS-NPDES NON-MAJOR	FT MYERS	26.646	-81.81881
110024386485	THE CYPRESS CLUB	ICIS-NPDES NON-MAJOR	FORT MYERS	26.64951	-81.86061
110025337534	BASELINE INDUSTRIAL	ICIS-NPDES NON-MAJOR	FORT MYERS	26.65004	-81.81745
110020544552	VAN LOON COMMONS	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.65365	-81.951172
110041943582	NORTH LEE COUNTY RO WELLFIELD	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.719167	-81.80425
110041940745	RIVER HAUL	ICIS-NPDES NON-MAJOR	ALVA	26.700583	-81.696667
110032784404	SANTA BARBARA BOULEVARD - WIDENING - PHASE 2 NORTH	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.647222	-81.971667
110035693675	RENAISSANCE PRESERVE	ICIS-NPDES NON-MAJOR	FORT MYERS	26.647242	-81.830122
110027948853	KREHLING INDUSTRIES - PLANT 9	ICIS-NPDES NON-MAJOR	LABELLE	26.745722	-81.426026
110028272955	7-ELEVEN STORE # 20878	ICIS-NPDES NON-MAJOR	FORT MYERS	26.67849	-81.80868
110007463690	CIRCLE K #7335	ICIS-NPDES NON-MAJOR	FORT MYERS	26.703739	-81.753869
110005600368	OWL CREEK BOAT WORKS & STORAGE	ICIS-NPDES NON-MAJOR	ALVA	26.728707	-81.749744
110045511807	VERONICA SHOEMAKER BLVD SIDEWALK FROM MICHIGAN AVE TO MARION	ICIS-NPDES NON-MAJOR	FORT MYERS	26.6524	-81.8404
110045480617	CR 78 PHASE 1A- POLLYWOG CREEK DRAINAGE IMPROVEMENTS	ICIS-NPDES NON-MAJOR	LABELLE	26.7688	-81.4583
110055195998	SUNSET FALLS	ICIS-NPDES NON-MAJOR	FORT MYERS	26.5003	-81.9241
110062673566	SOUTHWEST DISPOSAL AND CLEAN UP	ICIS-NPDES NON-MAJOR	FORT MYERS	26.63347	-81.82982
110020556067	TRANSPORTATION EAST PHASE 2	ICIS-NPDES NON-MAJOR	FT. MYERS	26.69579	-81.7281
110057193255	PELICAN PRESERVE CASELLA	ICIS-NPDES NON-MAJOR	FORT MYERS	26.51317	-81.95493
110032783646	SPACEBOX	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.67106	-81.89346
110037322019	JACK S ECONOMY PAINT & COLLISION CENTER	ICIS-NPDES NON-MAJOR	FORT MYERS	26.63395	-81.83694
110032784002	COMCAST CABLEVISION - PARKING LOT EXPANSION	ICIS-NPDES NON-MAJOR	NORTH FORT MYERS	26.66191	-81.88786
110024816742	RIVER HALL COUNTRY CLUB, VARIO	ICIS-NPDES NON-MAJOR	ALVA	26.69225	-81.673389
110020530905	LEE MEMORIAL HOSPITAL SOUTH PA	ICIS-NPDES NON-MAJOR	FORT MYERS	26.62687	-81.87231
110032764809	SOX DEV - BENCHMARK LOT #19	ICIS-NPDES NON-MAJOR	FT MYERS	26.646	-81.81881
110033640861	TRI CIRCLE PAVERS INC	ICIS-NPDES NON-MAJOR	FORT MYERS	26.629071	-81.859929
110020164631	LABELLE AIRPORT	ICIS-NPDES NON-MAJOR	LABELLE	26.746887	-81.433406
110025337785	FIRST STREET VILLAGE	ICIS-NPDES NON-MAJOR	FORT MYERS	26.63754	-81.87647
110020571371	HIGH POINT PLACE	ICIS-NPDES NON-MAJOR	FORT MYERS	26.63963	-81.87667
110032775450	MCGREGOR RESERVE	ICIS-NPDES NON-MAJOR	FORT MYERS	26.60358	-81.88294

110022456787	<u>THE SHOPS AT VERANDAH</u>	ICIS-NPDES NON-MAJOR	FT MYERS	26.698889	-81.761389
110025345990	<u>LEE MEMORIAL HOSPITAL CLEVELAND</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.62846	-81.87238
110037328415	<u>CAMPUS FRONT PARKING</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.6312	-81.8298
110015624546	<u>DEWEY ENTERPRISES</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.505072	-81.971952
110032818903	<u>SHENANDOAH SUBDIVISION</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.508984	-81.932884
110037935526	<u>SHORELINE LUMBER INC</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.508984	-81.932884
110009137709	<u>BOARD OF TRUSTEES OF THE FLORI</u>	ICIS-NPDES NON-MAJOR	LABELLE	26.72549	-81.54167
110009137709	<u>THE SHORES AT GULF HARBOUR</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.53577	-81.93619
110009137709	<u>(EXCLUDING PHASE 2)</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.53577	-81.93619
110009070762	<u>OLDCASTLE PRECAST INC</u>	ICIS-NPDES NON-MAJOR	N FT MYERS	26.6675	-81.92904
110043740967	<u>AGAPE CHRISTIAN FELLOWSHIP</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.63645	-81.73118
110045489244	<u>SR 78 PINE ISLAND ROAD</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.6755	-81.9239
110055229863	<u>LEE TRAN OPERATION & MAINTENANCE</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.61811	-81.85996
110000365248	<u>FACILITIES</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.6967	-81.7831
110000365248	<u>FPL FORT MYERS</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.6967	-81.7831
110063617082	<u>7-ELEVEN STORE NO. 32247</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.54557	-81.91406
110063606263	<u>ROSE GARDEN OF FT MYERS</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.61266	-81.86969
110015625723	<u>CORAL VILLAGE 2 PHASE 2A</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.61266	-81.86969
110028301781	<u>TRAFALGAR SUBSTATION</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.65456	-81.95273
110028301754	<u>INDUSTRIAL SUBSTATION</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.62247	-81.9742
110025337785	<u>FIRST STREET VILLAGE</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.62247	-81.9742
110056346299	<u>S-129 AND S-131 TRASH RAKE UPGRADES</u>	ICIS-NPDES NON-MAJOR	CAPE CORAL	26.63748	-81.94084
110000365248	<u>FPL FORT MYERS</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.63754	-81.87647
110024811989	<u>BENCHMARK CORPORATE PARK - LOT 6</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.63754	-81.87647
110028299598	<u>ALICO FORT MYERS PATROL ROAD</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.63754	-81.87647
110028299598	<u>IMPROVEMENT</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.63754	-81.87647
110032779955	<u>RIVER HALL COUNTRY CLUB - PHASE 2</u>	ICIS-NPDES NON-MAJOR	FORT MYERS	26.63754	-81.87647
		NPDES MAJOR	OKEECHOBEE	27.1223	-80.8962
		ICIS-NPDES NON-MAJOR	FORT MYERS	26.6967	-81.7831
		ICIS-NPDES NON-MAJOR	FORT MYERS	26.64284	-81.81952
		ICIS-NPDES NON-MAJOR	FORT MYERS	26.656722	-81.767252
		ICIS-NPDES NON-MAJOR	ALVA	26.7103	-81.63642

APPENDIX D

THREATS

Table A- 11. Threats facing Caloosahatchee National Wildlife Refuge.

Title	Description	Type	Cause(s)	Status	Severity	Time Frame	Under FWS Control ?	Source	Quality/Reliability of the info
Altered flow regimes as a result of Lake Okeechobee water management	Refuge located within the Caloosahatchee River or Estuary. The timing and quantity of freshwater flows within the river have been altered from historical levels, receiving too much during the wet season and too little during the dry season. Lake Okeechobee regulatory releases significantly increase high flows during the wet season. Also, state mandated minimum flows and levels (MFL) are not met during the dry season during most years. The refuge would prefer flows between 650 and 1000 cubic feet per a second to control HABs and promote seagrass and oyster growth.	Altered flow regimes	Non-FWS Management of Water Infrastructure	Current	High	Existing	No	CCP, Unpublished report	High
Ecologically harmful salinities as a result of upstream water management	High freshwater flows during the rainy season from the Caloosahatchee River reduces salinity in the river and estuary. Low freshwater flows during the dry season increase salinity levels in the Caloosahatchee river and estuary. Salinity fluctuations cause stress to organisms that can't tolerate the extreme	Salinity/TDS/Chlorides/Sulfates	Non-FWS Management of Water Infrastructure	Current	High	Existing	No	CCP, Unpublished report	High

Title	Description	Type	Cause(s)	Status	Severity	Time Frame	Under FWS Control ?	Source	Quality/Reliability of the info
	low or high salinity levels (oysters, seagrasses, etc).								
Harmful Algal Blooms and cyanotoxins	Refuge located within the Caloosahatchee River. Water quality has decreased in these water bodies resulting in harmful algal blooms due to high nutrient loading from Caloosahatchee basin runoff and Lake Okeechobee regulatory releases. Agricultural run-off, urban run-off, failing septic tanks, and NPDES permitted discharges are the main causes. Currently a TMDL is NOT in place, but 303(d) impaired waters are on or near Station.	Nutrient Pollution	Agricultural Runoff, Urban Runoff, Failing Septic, Industrial Effluent	Current	High	Existing	No	CCP, Internet published data, Personal communication with refuge staff, WRIA, published reports	High

Title	Description	Type	Cause(s)	Status	Severity	Time Frame	Under FWS Control ?	Source	Quality/Reliability of the info
Loss/Alteration of Estuarine habitat	Refuge located within the Caloosahatchee River or Estuary. The timing and quantity of freshwater flows within the river have been altered from historical, receiving too much during the wet season and too little during the dry season. Lake Okeechobee regulatory releases significantly increase high flows during the wet season. Also, state mandated minimum flows and levels (MFL) are not met during the dry season during most years. High freshwater flows from the Caloosahatchee River reduces salinity and increases nutrient loading causing algal blooms and stress to organisms that can't tolerate the lower salinity levels (oysters, seagrasses, etc). Low flows reduce salinity levels which can also cause harm to oyster beds. Algal blooms and macro algae can reduce seagrass cover and biomass.	Loss/Alteration of Estuarine habitat	Non-FWS Management of Water Infrastructure	Current	High	Existing	No	CCP, Unpublished report	High
Low Dissolved Oxygen as a result of Harmful Algal Blooms	Low dissolved oxygen levels occur after harmful algal blooms. The large algal mats decompose and form large dead zones in the river and estuary.	Low Dissolved Oxygen	Agricultural Runoff, Non-FWS Management of Water Infrastructure	Current	High	Existing	No	CCP, Unpublished report	High
Mercury in wildlife	Low levels of mercury have been found in both fish and wildlife on the Refuge and in S. Florida. The levels of mercury present in the wildlife here are typical for South Florida. It appears many of the fish sampled had low levels of mercury that triggered fish consumption	Mercury	Airborne Pollutants, Naturally-Occurring Contaminants	Current	Low	Existing	No	Mercury Contaminant studies	High

Title	Description	Type	Cause(s)	Status	Severity	Time Frame	Under FWS Control ?	Source	Quality/Reliability of the info
	advisories. Samples from fish and egrets did not warrant wildlife toxicity concern.								
Possible contamination by pesticides and heavy metals	Agricultural runoff from Lake Okeechobee and surrounding waters potentially has pesticides and heavy metals that are carried in the waters.	Pesticides, Metals (other than Mercury)	Agricultural Runoff	Current	Unknown	Existing	No	CCP, Unpublished report	Medium
Turbidity	During high releases, large amounts of silt and sediment are carried down into the Caloosahatchee river from Lake Okeechobee which causes high turbidities. These high turbidities result in reduced water clarity for several weeks.	Turbidity	Non-FWS Management of Water Infrastructure	Current	High	Existing	No	Peer-reviewed report, Refuge staff	High
Climate Warming	Temperatures have increased ~2 °F over the past 100 years, which could have a significant impact on the health of the estuary and may have the potential to increase the duration and size of Harmful Algal Blooms in the estuary.	Altered Thermal Regime	Climate Warming	Current	High	Existing	No	WRIA	Medium

APPENDIX E

NEEDS

Table A- 12. Recommendations to address the threats to Caloosahatchee National Wildlife Refuge.

Title	Description	Level 1 Type	Level 2 Type	Status	Priority	Effort Required	Immediacy	Under FWS Control?	Source
Increase refuge staff / funding	Increase staff/budget to provide sufficient capacity to meet the refuge's water and aquatic habitat management needs. The refuge currently lacks the staff and resources to adequately address many of the water resource challenges it faces.	Coordination / Support	Additional Staff /Capacity	Current	High	Major	Medium	Yes	CCP, Personal communication with refuge staff

Title	Description	Level 1 Type	Level 2 Type	Status	Priority	Effort Required	Immediacy	Under FWS Control?	Source
Partner to improve ecological flows in the Caloosahatchee River	Franklin lock and dam (S-79) on the Caloosahatchee controls freshwater releases to the downstream estuary. The Refuge would prefer flows of 650 - 1000 cfs as this would provide optimal ecological benefits for the Caloosahatchee River and Estuary. The Refuge needs to negotiate with USACE and SFWMD on timing and amount of releases at S-79 in order to achieve more optimal flows for the ecosystem.	Coordination / Support	Build / Strengthen / Expand Watershed Partnerships	Current	High	Major	Long-term	No	CCP, Personal communication with refuge staff
Partnership building	Develop, expand and strengthen partnerships to address threats that are beyond the Service's control. In particular, the refuge (USFWS) needs a stronger voice in USACE's Lake Okeechobee operations and South Florida Water Management's operations of the lock system.	Coordination / Support	Build / Strengthen / Expand Watershed Partnerships	Current	High	Major	Medium	No	CCP, Personal communication with refuge staff

Title	Description	Level 1 Type	Level 2 Type	Status	Priority	Effort Required	Immediacy	Under FWS Control?	Source
Reduce Non-point Source Pollution by participating in the TMDL process	It is vital that the refuge continue to participate in the planning process as TMDLs are developed for both the Caloosahatchee River, estuary, and the surrounding watershed.	Water quality mitigation / Habitat Improvement	Reduce non-point source pollution	Current	High	Minor	Long-term	No	CCP, Personal communication with refuge staff
Species monitoring	Nesting success and impacts of water flows on nesting success on islands within Caloosahatchee NWR. Need to tie nesting success at all refuges to water quality and flows.	Monitoring / Measurement	Species monitoring	Current	High	Minor	Long-term	No	CCP, Personal communication with refuge staff
Climate change vulnerability assessment	Multiple iterations of the SLAMM model have been run for the Refuges, but there is a need to better understand the role of increasing temperatures on the refuges ecology, particularly related to HABs.	Modeling / Research / Assessment	Climate Change Vulnerability Assessment	Current	Moderate	Minor	Medium	Yes	WRIA recommendation, Personal communication with refuge staff

Title	Description	Level 1 Type	Level 2 Type	Status	Priority	Effort Required	Immediacy	Under FWS Control?	Source
Synthesize existing water quality information	Significant existing hydrological and water-quality information exists that could be compiled and summarized to conduct an assessment of water quality conditions and their potential impacts on sea grass beds and oyster reefs. This information would allow the Refuge to better the prescribe ecologically beneficial conditions and flow requirements needed to maintain a healthy estuary.	Modeling / Research / Assessment	Data gap analysis / water monitoring network design	Current	Moderate	Minor	Short-term	Yes	WRIA recommendation, Personal communication with refuge staff
Finalize refuge and acquisition boundaries	We are currently uncertain which islands are part of the Caloosahatchee NWR. There is a need to finalize the refuge and acquisition boundaries for this Refuge and complete a minor expansion of the Refuge to receive donated islands into the USFWS property.	Monitoring / Measurement	Geographic Survey Points/Area	Current	High	Minor	Short-term	Yes	WRIA recommendation, Personal communication with refuge staff